



Amy G. Rabinowitz
Counsel

April 30, 2003

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station
Boston, MA 02110

Re: 2002 Service Quality Report; D.T.E. 03-20

Dear Secretary Cottrell:

I am enclosing for filing the responses of Massachusetts Electric Company and Nantucket Electric Company to the Department's Second Set of Information Requests. Thank you very much for your time and attention to this filing.

Very truly yours,

Amy G. Rabinowitz

cc: Jody Stiefel, Hearing Officer (4 copies)
Glenn Shippee, Rates and Revenue Division (2 copies)
Wilner Borgella, Office of the Attorney General (1 copy)

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DTE 2-1

Request:

Refer to the Supplement, Att. 2, at 1. Please explain how the Company assessed the interest on balances overpaid for its year 2000/2001 service quality payment.

Response:

The Company has not accrued any interest on the amount it has overpaid for its 2000/2001 service quality payment. As can be seen in Column (e) of Page 1 of Attachment 2 to the Company's March 21, 2003 filing, the interest rate is set at zero, and therefore no interest has been calculated on the balance, as reflected in Column (f) and Column (g) of Attachment 2. These columns are typically provided in the Company's various reconciliations to identify whether or not interest is accrued on monthly balances, and if so, at what rate. Attachment 2 is intended to reflect that of the \$6,338,082 the Company was required to credit to customers as part of its 2000/2001 service quality penalty, the Company actually credited customers \$6,418,410, resulting in an overpayment of \$80,328.

Prepared by or under the supervision of: T.M. Burns

DTE 2-2

Request:

Refer to the Supplement, Att. 4. Please provide a complete billing impact of May 2003 for different consumption levels of customers in each rate class.

Response:

Please refer to the attachments to this response for bill impacts associated with the proposed Service Quality Credit. These bill impacts assume the implementation of the Company's standard offer rate and default service rates approved by the Department in dockets D.T.E. 00-67 and D.T.E. 99-60, and reflect only the impact related to the proposed Service Quality Credit.

The attachments are as follows:

- Attachment 1: Mass. Electric Standard Offer Customer Typical Bills
- Attachment 2: Mass. Electric Default Service Customer Typical Bills
- Attachment 3: Nantucket Electric Standard Offer Customer Typical Bills
- Attachment 4: Nantucket Electric Default Service Customer Typical Bills

The default service rates reflected in Attachment 2 and Attachment 4 identify the customary default service rate for the particular rate class, as defined by the Default Service Working Group Report approved by the Department in docket D.T.E. 99-60.

Prepared by or under the supervision of: T.M. Burns

Massachusetts Electric Company
Nantucket Electric Company
Docket D.T.E. 03-20
Responses to Departments Second Set of Information Requests

Attachment 1

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Standard Offer Customers

		(1)		(2)		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
125	\$18.26	\$7.00	\$11.26	\$17.88	\$7.00	\$10.88	(\$0.38)	-2.1%
250	\$30.74	\$14.01	\$16.73	\$29.98	\$14.01	\$15.97	(\$0.76)	-2.5%
500	\$55.62	\$28.01	\$27.61	\$54.11	\$28.01	\$26.10	(\$1.51)	-2.7%
750	\$80.55	\$42.02	\$38.53	\$78.28	\$42.02	\$36.26	(\$2.27)	-2.8%
1,000	\$105.43	\$56.02	\$49.41	\$102.41	\$56.02	\$46.39	(\$3.02)	-2.9%
1,250	\$130.36	\$70.03	\$60.33	\$126.58	\$70.03	\$56.55	(\$3.78)	-2.9%
1,500	\$155.24	\$84.03	\$71.21	\$150.71	\$84.03	\$66.68	(\$4.53)	-2.9%
2,000	\$205.05	\$112.04	\$93.01	\$199.01	\$112.04	\$86.97	(\$6.04)	-2.9%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02398			\$0.02398
Transition Charge	KWh x	\$0.01002			\$0.01002
Transmission Charge	KWh x	\$0.00660			\$0.00660
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Standard Offer Customers (with Interruptible Credit #1)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
250	\$25.24	\$14.01	\$11.23	\$24.48	\$14.01	\$10.47	(\$0.76)	-3.0%
500	\$50.12	\$28.01	\$22.11	\$48.61	\$28.01	\$20.60	(\$1.51)	-3.0%
750	\$75.05	\$42.02	\$33.03	\$72.78	\$42.02	\$30.76	(\$2.27)	-3.0%
1,000	\$99.93	\$56.02	\$43.91	\$96.91	\$56.02	\$40.89	(\$3.02)	-3.0%
1,250	\$124.86	\$70.03	\$54.83	\$121.08	\$70.03	\$51.05	(\$3.78)	-3.0%
1,500	\$149.74	\$84.03	\$65.71	\$145.21	\$84.03	\$61.18	(\$4.53)	-3.0%
2,000	\$199.55	\$112.04	\$87.51	\$193.51	\$112.04	\$81.47	(\$6.04)	-3.0%
2,500	\$249.36	\$140.05	\$109.31	\$241.81	\$140.05	\$101.76	(\$7.55)	-3.0%

Present Rates			Proposed Rates		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02398			\$0.02398
Transition Charge	KWh x	\$0.01002			\$0.01002
Transmission Charge	KWh x	\$0.00660			\$0.00660
Interruptible Credit #1		(\$5.50)			(\$5.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)
<u>Supplier Services</u>					
Standard Service Charge	KWh x	\$0.05602			\$0.05602

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Standard Offer Customers (with Interruptible Credit #2)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
250	\$23.24	\$14.01	\$9.23	\$22.48	\$14.01	\$8.47	(\$0.76)	-3.3%
500	\$48.12	\$28.01	\$20.11	\$46.61	\$28.01	\$18.60	(\$1.51)	-3.1%
750	\$73.05	\$42.02	\$31.03	\$70.78	\$42.02	\$28.76	(\$2.27)	-3.1%
1,000	\$97.93	\$56.02	\$41.91	\$94.91	\$56.02	\$38.89	(\$3.02)	-3.1%
1,250	\$122.86	\$70.03	\$52.83	\$119.08	\$70.03	\$49.05	(\$3.78)	-3.1%
1,500	\$147.74	\$84.03	\$63.71	\$143.21	\$84.03	\$59.18	(\$4.53)	-3.1%
2,000	\$197.55	\$112.04	\$85.51	\$191.51	\$112.04	\$79.47	(\$6.04)	-3.1%
2,500	\$247.36	\$140.05	\$107.31	\$239.81	\$140.05	\$99.76	(\$7.55)	-3.1%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$5.81	\$5.81	
Distribution Charge	KWh x	\$0.02398	\$0.02398	
Transition Charge	KWh x	\$0.01002	\$0.01002	
Transmission Charge	KWh x	\$0.00660	\$0.00660	
Interruptible Credit #2		(\$7.50)	(\$7.50)	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	
Service Quality Credit	KWh x		(\$0.00302)	

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Standard Offer Customers

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
50	\$7.77	\$2.80	\$4.97	\$7.62	\$2.80	\$4.82	(\$0.15)	-1.9%
100	\$11.74	\$5.60	\$6.14	\$11.44	\$5.60	\$5.84	(\$0.30)	-2.6%
150	\$15.74	\$8.40	\$7.34	\$15.29	\$8.40	\$6.89	(\$0.45)	-2.9%
250	\$23.72	\$14.01	\$9.71	\$22.96	\$14.01	\$8.95	(\$0.76)	-3.2%
300	\$27.69	\$16.81	\$10.88	\$26.78	\$16.81	\$9.97	(\$0.91)	-3.3%
500	\$43.64	\$28.01	\$15.63	\$42.13	\$28.01	\$14.12	(\$1.51)	-3.5%
600	\$51.60	\$33.61	\$17.99	\$49.79	\$33.61	\$16.18	(\$1.81)	-3.5%
750	\$63.57	\$42.02	\$21.55	\$61.30	\$42.02	\$19.28	(\$2.27)	-3.6%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$3.77			\$3.77
Distribution Charge	KWh x	\$0.00359			\$0.00359
Transition Charge	KWh x	\$0.01051			\$0.01051
Transmission Charge	KWh x	\$0.00660			\$0.00660
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602			\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Standard Offer Customers
With Interruptible Credit #1

/----- (1) -----/			/----- (2) -----/			(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
300	\$22.19	\$16.81	\$5.38	\$21.28	\$16.81	\$4.47	(\$0.91)	-4.1%
500	\$38.14	\$28.01	\$10.13	\$36.63	\$28.01	\$8.62	(\$1.51)	-4.0%
600	\$46.10	\$33.61	\$12.49	\$44.29	\$33.61	\$10.68	(\$1.81)	-3.9%
750	\$58.07	\$42.02	\$16.05	\$55.80	\$42.02	\$13.78	(\$2.27)	-3.9%
900	\$70.02	\$50.42	\$19.60	\$67.30	\$50.42	\$16.88	(\$2.72)	-3.9%
1,000	\$77.99	\$56.02	\$21.97	\$74.97	\$56.02	\$18.95	(\$3.02)	-3.9%
1,500	\$117.86	\$84.03	\$33.83	\$113.33	\$84.03	\$29.30	(\$4.53)	-3.8%
1,750	\$137.79	\$98.04	\$39.75	\$132.50	\$98.04	\$34.46	(\$5.29)	-3.8%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$3.77			\$3.77
Distribution Charge	KWh x	\$0.00359			\$0.00359
Transition Charge	KWh x	\$0.01051			\$0.01051
Transmission Charge	KWh x	\$0.00660			\$0.00660
Interruptible Credit #1		(\$5.50)			(\$5.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602			\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Standard Offer Customers
With Interruptible Credit #2

/----- (1) -----/			/----- (2) -----/			(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
300	\$20.19	\$16.81	\$3.38	\$19.28	\$16.81	\$2.47	(\$0.91)	-4.5%
500	\$36.14	\$28.01	\$8.13	\$34.63	\$28.01	\$6.62	(\$1.51)	-4.2%
600	\$44.10	\$33.61	\$10.49	\$42.29	\$33.61	\$8.68	(\$1.81)	-4.1%
750	\$56.07	\$42.02	\$14.05	\$53.80	\$42.02	\$11.78	(\$2.27)	-4.0%
900	\$68.02	\$50.42	\$17.60	\$65.30	\$50.42	\$14.88	(\$2.72)	-4.0%
1,000	\$75.99	\$56.02	\$19.97	\$72.97	\$56.02	\$16.95	(\$3.02)	-4.0%
1,500	\$115.86	\$84.03	\$31.83	\$111.33	\$84.03	\$27.30	(\$4.53)	-3.9%
1,750	\$135.79	\$98.04	\$37.75	\$130.50	\$98.04	\$32.46	(\$5.29)	-3.9%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$3.77	\$3.77	
Distribution Charge	KWh x	\$0.00359	\$0.00359	
Transition Charge	KWh x	\$0.01051	\$0.01051	
Transmission Charge	KWh x	\$0.00660	\$0.00660	
Interruptible Credit #2		(\$7.50)	(\$7.50)	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	
Service Quality Credit	KWh x		(\$0.00302)	

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-4 Rate Standard Offer Customers

KWh Split: - On-Peak 25%
- Off-Peak 75%

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
1,000	\$104.34	\$56.02	\$48.32	\$101.32	\$56.02	\$45.30	(\$3.02)	-2.9%
1,500	\$146.91	\$84.03	\$62.88	\$142.38	\$84.03	\$58.35	(\$4.53)	-3.1%
2,000	\$189.49	\$112.04	\$77.45	\$183.45	\$112.04	\$71.41	(\$6.04)	-3.2%
3,000	\$274.62	\$168.06	\$106.56	\$265.56	\$168.06	\$97.50	(\$9.06)	-3.3%
4,000	\$359.76	\$224.08	\$135.68	\$347.68	\$224.08	\$123.60	(\$12.08)	-3.4%
5,000	\$444.90	\$280.10	\$164.80	\$429.80	\$280.10	\$149.70	(\$15.10)	-3.4%
8,000	\$700.32	\$448.16	\$252.16	\$676.16	\$448.16	\$228.00	(\$24.16)	-3.4%
10,000	\$870.61	\$560.20	\$310.41	\$840.41	\$560.20	\$280.21	(\$30.20)	-3.5%

Present Rates			Proposed Rates	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.06057		\$0.06057
Distribution Charge: Off Peak	KWh x	\$0.00281		\$0.00281
Transition Charge: On Peak	KWh x	\$0.02363		\$0.02363
Transition Charge: Off Peak	KWh x	(\$0.00193)		(\$0.00193)
Transmission Charge	KWh x	\$0.00441		\$0.00441
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-4 Rate Standard Offer Customers

KWh Split: - On-Peak 30%
 - Off-Peak 70%

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount %	
1,000	\$108.51	\$56.02	\$52.49	\$105.49	\$56.02	\$49.47	(\$3.02)	-2.8%
1,500	\$153.16	\$84.03	\$69.13	\$148.63	\$84.03	\$64.60	(\$4.53)	-3.0%
2,000	\$197.81	\$112.04	\$85.77	\$191.77	\$112.04	\$79.73	(\$6.04)	-3.1%
3,000	\$287.12	\$168.06	\$119.06	\$278.06	\$168.06	\$110.00	(\$9.06)	-3.2%
4,000	\$376.43	\$224.08	\$152.35	\$364.35	\$224.08	\$140.27	(\$12.08)	-3.2%
5,000	\$465.74	\$280.10	\$185.64	\$450.64	\$280.10	\$170.54	(\$15.10)	-3.2%
8,000	\$733.65	\$448.16	\$285.49	\$709.49	\$448.16	\$261.33	(\$24.16)	-3.3%
10,000	\$912.26	\$560.20	\$352.06	\$882.06	\$560.20	\$321.86	(\$30.20)	-3.3%

Present Rates			Proposed Rates	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.06057		\$0.06057
Distribution Charge: Off Peak	KWh x	\$0.00281		\$0.00281
Transition Charge: On Peak	KWh x	\$0.02363		\$0.02363
Transition Charge: Off Peak	KWh x	(\$0.00193)		(\$0.00193)
Transmission Charge	KWh x	\$0.00441		\$0.00441
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-4 Rate Standard Offer Customers

KWh Split: - On-Peak 40%
 - Off-Peak 60%

Monthly KWh	/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
1,000	\$116.84	\$56.02	\$60.82	\$113.82	\$56.02	\$57.80	(\$3.02)	-2.6%
1,500	\$165.66	\$84.03	\$81.63	\$161.13	\$84.03	\$77.10	(\$4.53)	-2.7%
2,000	\$214.47	\$112.04	\$102.43	\$208.43	\$112.04	\$96.39	(\$6.04)	-2.8%
3,000	\$312.12	\$168.06	\$144.06	\$303.06	\$168.06	\$135.00	(\$9.06)	-2.9%
4,000	\$409.75	\$224.08	\$185.67	\$397.67	\$224.08	\$173.59	(\$12.08)	-2.9%
5,000	\$507.39	\$280.10	\$227.29	\$492.29	\$280.10	\$212.19	(\$15.10)	-3.0%
8,000	\$800.31	\$448.16	\$352.15	\$776.15	\$448.16	\$327.99	(\$24.16)	-3.0%
10,000	\$995.58	\$560.20	\$435.38	\$965.38	\$560.20	\$405.18	(\$30.20)	-3.0%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$19.20			\$19.20
Distribution Charge: On Peak	KWh x	\$0.06057			\$0.06057
Distribution Charge: Off Peak	KWh x	\$0.00281			\$0.00281
Transition Charge: On Peak	KWh x	\$0.02363			\$0.02363
Transition Charge: Off Peak	KWh x	(\$0.00193)			(\$0.00193)
Transmission Charge	KWh x	\$0.00441			\$0.00441
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602			\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-1 Rate Standard Offer Customers

		/----- (1) -----/ /----- (2) -----/ (1) vs (2)							
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)		
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%	
50	\$13.98	\$2.80	\$11.18	\$13.83	\$2.80	\$11.03	(\$0.15)	-1.1%	
100	\$19.62	\$5.60	\$14.02	\$19.32	\$5.60	\$13.72	(\$0.30)	-1.5%	
250	\$36.58	\$14.01	\$22.57	\$35.82	\$14.01	\$21.81	(\$0.76)	-2.1%	
500	\$64.82	\$28.01	\$36.81	\$63.31	\$28.01	\$35.30	(\$1.51)	-2.3%	
1,000	\$121.30	\$56.02	\$65.28	\$118.28	\$56.02	\$62.26	(\$3.02)	-2.5%	
2,500	\$290.78	\$140.05	\$150.73	\$283.23	\$140.05	\$143.18	(\$7.55)	-2.6%	
5,000	\$573.22	\$280.10	\$293.12	\$558.12	\$280.10	\$278.02	(\$15.10)	-2.6%	
7,500	\$855.68	\$420.15	\$435.53	\$833.03	\$420.15	\$412.88	(\$22.65)	-2.6%	

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$8.32	\$8.32	
Distribution Charge	KWh x	\$0.03739	\$0.03739	
Transition Charge	KWh x	\$0.00972	\$0.00972	
Transmission Charge	KWh x	\$0.00685	\$0.00685	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	
Service Quality Credit	KWh x		(\$0.00302)	

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Standard Offer Customers

Hours Use: 200

		/----- (1) -----/			/----- (2) -----/			/----- (1) vs (2) -----/	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	3,000	\$337.79	\$168.06	\$169.73	\$328.73	\$168.06	\$160.67	(\$9.06)	-2.7%
20	4,000	\$445.31	\$224.08	\$221.23	\$433.23	\$224.08	\$209.15	(\$12.08)	-2.7%
40	8,000	\$875.39	\$448.16	\$427.23	\$851.23	\$448.16	\$403.07	(\$24.16)	-2.8%
75	15,000	\$1,628.03	\$840.30	\$787.73	\$1,582.73	\$840.30	\$742.43	(\$45.30)	-2.8%
150	30,000	\$3,240.83	\$1,680.60	\$1,560.23	\$3,150.23	\$1,680.60	\$1,469.63	(\$90.60)	-2.8%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Standard Offer Customers

Hours Use: 250

		/----- (1) -----/			/----- (2) -----/			----- (1) vs (2)	
Monthly Power	KW KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	3,750	\$392.58	\$210.08	\$182.50	\$381.25	\$210.08	\$171.17	(\$11.33)	-2.9%
20	5,000	\$518.33	\$280.10	\$238.23	\$503.23	\$280.10	\$223.13	(\$15.10)	-2.9%
40	10,000	\$1,021.43	\$560.20	\$461.23	\$991.23	\$560.20	\$431.03	(\$30.20)	-3.0%
75	18,750	\$1,901.88	\$1,050.38	\$851.50	\$1,845.25	\$1,050.38	\$794.87	(\$56.63)	-3.0%
150	37,500	\$3,788.48	\$2,100.75	\$1,687.73	\$3,675.23	\$2,100.75	\$1,574.48	(\$113.25)	-3.0%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on G-2 Rate Standard Offer Customers

Hours Use: 300

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	4,500	\$447.32	\$252.09	\$195.23	\$433.73	\$252.09	\$181.64	(\$13.59)	-3.0%
20	6,000	\$591.35	\$336.12	\$255.23	\$573.23	\$336.12	\$237.11	(\$18.12)	-3.1%
40	12,000	\$1,167.47	\$672.24	\$495.23	\$1,131.23	\$672.24	\$458.99	(\$36.24)	-3.1%
75	22,500	\$2,175.68	\$1,260.45	\$915.23	\$2,107.73	\$1,260.45	\$847.28	(\$67.95)	-3.1%
150	45,000	\$4,336.13	\$2,520.90	\$1,815.23	\$4,200.23	\$2,520.90	\$1,679.33	(\$135.90)	-3.1%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)
<u>Supplier Services</u>			
Standard Service Charge	KWh x	\$0.05602	\$0.05602

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Standard Offer Customers

Hours Use: 350

		/----- (1) -----/			/----- (2) -----/			-----/ (1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	5,250	\$502.11	\$294.11	\$208.00	\$486.25	\$294.11	\$192.14	(\$15.86)	-3.2%
20	7,000	\$664.37	\$392.14	\$272.23	\$643.23	\$392.14	\$251.09	(\$21.14)	-3.2%
40	14,000	\$1,313.51	\$784.28	\$529.23	\$1,271.23	\$784.28	\$486.95	(\$42.28)	-3.2%
75	26,250	\$2,449.53	\$1,470.53	\$979.00	\$2,370.25	\$1,470.53	\$899.72	(\$79.28)	-3.2%
150	52,500	\$4,883.78	\$2,941.05	\$1,942.73	\$4,725.23	\$2,941.05	\$1,784.18	(\$158.55)	-3.2%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on G-2 Rate Standard Offer Customers

Hours Use: 400

		/----- (1) -----/			/----- (2) -----/			/----- (1) vs (2) -----/	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	6,000	\$556.85	\$336.12	\$220.73	\$538.73	\$336.12	\$202.61	(\$18.12)	-3.3%
20	8,000	\$737.39	\$448.16	\$289.23	\$713.23	\$448.16	\$265.07	(\$24.16)	-3.3%
40	16,000	\$1,459.55	\$896.32	\$563.23	\$1,411.23	\$896.32	\$514.91	(\$48.32)	-3.3%
75	30,000	\$2,723.33	\$1,680.60	\$1,042.73	\$2,632.73	\$1,680.60	\$952.13	(\$90.60)	-3.3%
150	60,000	\$5,431.43	\$3,361.20	\$2,070.23	\$5,250.23	\$3,361.20	\$1,889.03	(\$181.20)	-3.3%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Standard Offer Customers

Hours Use: 450

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)		
Monthly Power	KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
			Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15		6,750	\$611.64	\$378.14	\$233.50	\$591.25	\$378.14	\$213.11	(\$20.39)	-3.3%
20		9,000	\$810.41	\$504.18	\$306.23	\$783.23	\$504.18	\$279.05	(\$27.18)	-3.4%
40		18,000	\$1,605.59	\$1,008.36	\$597.23	\$1,551.23	\$1,008.36	\$542.87	(\$54.36)	-3.4%
75		33,750	\$2,997.18	\$1,890.68	\$1,106.50	\$2,895.25	\$1,890.68	\$1,004.57	(\$101.93)	-3.4%
150		67,500	\$5,979.08	\$3,781.35	\$2,197.73	\$5,775.23	\$3,781.35	\$1,993.88	(\$203.85)	-3.4%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)
<u>Supplier Services</u>			
Standard Service Charge	KWh x	\$0.05602	\$0.05602

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Standard Offer Customers

Hours Use: 250

KWh Split: - On-Peak 55%
- Off-Peak 45%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	150,000	\$14,549.70	\$8,403.00	\$6,146.70	\$14,096.70	\$8,403.00	\$5,693.70	(\$453.00)	-3.1%
800	200,000	\$19,377.17	\$11,204.00	\$8,173.17	\$18,773.17	\$11,204.00	\$7,569.17	(\$604.00)	-3.1%
1,000	250,000	\$24,204.65	\$14,005.00	\$10,199.65	\$23,449.65	\$14,005.00	\$9,444.65	(\$755.00)	-3.1%
1,500	375,000	\$36,273.33	\$21,007.50	\$15,265.83	\$35,140.83	\$21,007.50	\$14,133.33	(\$1,132.50)	-3.1%
3,000	750,000	\$72,479.40	\$42,015.00	\$30,464.40	\$70,214.40	\$42,015.00	\$28,199.40	(\$2,265.00)	-3.1%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)
<u>Supplier Services</u>			
Standard Service Charge	KWh x	\$0.05602	\$0.05602

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Standard Offer Customers

Hours Use: 300

KWh Split: - On-Peak 50%
- Off-Peak 50%

		/----- (1) -----/			/----- (2) -----/			/----- (1) vs (2) -----/	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	180,000	\$16,716.37	\$10,083.60	\$6,632.77	\$16,172.77	\$10,083.60	\$6,089.17	(\$543.60)	-3.3%
800	240,000	\$22,266.07	\$13,444.80	\$8,821.27	\$21,541.27	\$13,444.80	\$8,096.47	(\$724.80)	-3.3%
1,000	300,000	\$27,815.77	\$16,806.00	\$11,009.77	\$26,909.77	\$16,806.00	\$10,103.77	(\$906.00)	-3.3%
1,500	450,000	\$41,690.02	\$25,209.00	\$16,481.02	\$40,331.02	\$25,209.00	\$15,122.02	(\$1,359.00)	-3.3%
3,000	900,000	\$83,312.77	\$50,418.00	\$32,894.77	\$80,594.77	\$50,418.00	\$30,176.77	(\$2,718.00)	-3.3%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on G-3 Rate Standard Offer Customers

Hours Use: 350

KWh Split: - On-Peak 50%
- Off-Peak 50%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	210,000	\$18,963.22	\$11,764.20	\$7,199.02	\$18,329.02	\$11,764.20	\$6,564.82	(\$634.20)	-3.3%
800	280,000	\$25,261.87	\$15,685.60	\$9,576.27	\$24,416.27	\$15,685.60	\$8,730.67	(\$845.60)	-3.3%
1,000	350,000	\$31,560.52	\$19,607.00	\$11,953.52	\$30,503.52	\$19,607.00	\$10,896.52	(\$1,057.00)	-3.3%
1,500	525,000	\$47,307.15	\$29,410.50	\$17,896.65	\$45,721.65	\$29,410.50	\$16,311.15	(\$1,585.50)	-3.4%
3,000	1,050,000	\$94,547.02	\$58,821.00	\$35,726.02	\$91,376.02	\$58,821.00	\$32,555.02	(\$3,171.00)	-3.4%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$67.27		\$67.27	
Distribution Demand Charge	KW x	\$3.63		\$3.63	
Transition Demand Charge	KW x	\$1.65		\$1.65	
Distribution Charge: On Peak	KWh x	\$0.01017		\$0.01017	
Distribution Charge: Off Peak	KWh x	(\$0.00052)		(\$0.00052)	
Transition Charge	KWh x	\$0.00567		\$0.00567	
Transmission Charge	KWh x	\$0.00538		\$0.00538	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	
Service Quality Credit	KWh x			(\$0.00302)	

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Standard Offer Customers

Hours Use: 400

KWh Split: - On-Peak 45%
- Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	240,000	\$21,081.79	\$13,444.80	\$7,636.99	\$20,356.99	\$13,444.80	\$6,912.19	(\$724.80)	-3.4%
800	320,000	\$28,086.63	\$17,926.40	\$10,160.23	\$27,120.23	\$17,926.40	\$9,193.83	(\$966.40)	-3.4%
1,000	400,000	\$35,091.47	\$22,408.00	\$12,683.47	\$33,883.47	\$22,408.00	\$11,475.47	(\$1,208.00)	-3.4%
1,500	600,000	\$52,603.57	\$33,612.00	\$18,991.57	\$50,791.57	\$33,612.00	\$17,179.57	(\$1,812.00)	-3.4%
3,000	1,200,000	\$105,139.87	\$67,224.00	\$37,915.87	\$101,515.87	\$67,224.00	\$34,291.87	(\$3,624.00)	-3.4%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$67.27		\$67.27	
Distribution Demand Charge	KW x	\$3.63		\$3.63	
Transition Demand Charge	KW x	\$1.65		\$1.65	
Distribution Charge: On Peak	KWh x	\$0.01017		\$0.01017	
Distribution Charge: Off Peak	KWh x	(\$0.00052)		(\$0.00052)	
Transition Charge	KWh x	\$0.00567		\$0.00567	
Transmission Charge	KWh x	\$0.00538		\$0.00538	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	
Service Quality Credit	KWh x			(\$0.00302)	

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Standard Offer Customers

Hours Use: 450

KWh Split: - On-Peak 45%
- Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			-----/ (1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	270,000	\$23,312.61	\$15,125.40	\$8,187.21	\$22,497.21	\$15,125.40	\$7,371.81	(\$815.40)	-3.5%
800	360,000	\$31,061.05	\$20,167.20	\$10,893.85	\$29,973.85	\$20,167.20	\$9,806.65	(\$1,087.20)	-3.5%
1,000	450,000	\$38,809.50	\$25,209.00	\$13,600.50	\$37,450.50	\$25,209.00	\$12,241.50	(\$1,359.00)	-3.5%
1,500	675,000	\$58,180.61	\$37,813.50	\$20,367.11	\$56,142.11	\$37,813.50	\$18,328.61	(\$2,038.50)	-3.5%
3,000	1,350,000	\$116,293.95	\$75,627.00	\$40,666.95	\$112,216.95	\$75,627.00	\$36,589.95	(\$4,077.00)	-3.5%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Standard Offer Customers

Hours Use: 500

KWh Split: - On-Peak 45%
- Off-Peak 55%

		/----- (1) -----/ /----- (2) -----/ (1) vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	300,000	\$25,543.42	\$16,806.00	\$8,737.42	\$24,637.42	\$16,806.00	\$7,831.42	(\$906.00)	-3.5%
800	400,000	\$34,035.47	\$22,408.00	\$11,627.47	\$32,827.47	\$22,408.00	\$10,419.47	(\$1,208.00)	-3.5%
1,000	500,000	\$42,527.52	\$28,010.00	\$14,517.52	\$41,017.52	\$28,010.00	\$13,007.52	(\$1,510.00)	-3.6%
1,500	750,000	\$63,757.65	\$42,015.00	\$21,742.65	\$61,492.65	\$42,015.00	\$19,477.65	(\$2,265.00)	-3.6%
3,000	1,500,000	\$127,448.02	\$84,030.00	\$43,418.02	\$122,918.02	\$84,030.00	\$38,888.02	(\$4,530.00)	-3.6%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Nantucket Electric Company
Docket D.T.E. 03-20
Responses to Departments Second Set of Information Requests

Attachment 2

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Default Service Customers

		(1)		(2)		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
125	\$20.47	\$9.21	\$11.26	\$20.09	\$9.21	\$10.88	(\$0.38)	-1.9%
250	\$35.14	\$18.41	\$16.73	\$34.38	\$18.41	\$15.97	(\$0.76)	-2.2%
500	\$64.44	\$36.83	\$27.61	\$62.93	\$36.83	\$26.10	(\$1.51)	-2.3%
750	\$93.77	\$55.24	\$38.53	\$91.50	\$55.24	\$36.26	(\$2.27)	-2.4%
1,000	\$123.06	\$73.65	\$49.41	\$120.04	\$73.65	\$46.39	(\$3.02)	-2.5%
1,250	\$152.39	\$92.06	\$60.33	\$148.61	\$92.06	\$56.55	(\$3.78)	-2.5%
1,500	\$181.69	\$110.48	\$71.21	\$177.16	\$110.48	\$66.68	(\$4.53)	-2.5%
2,000	\$240.31	\$147.30	\$93.01	\$234.27	\$147.30	\$86.97	(\$6.04)	-2.5%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02398			\$0.02398
Transition Charge	KWh x	\$0.01002			\$0.01002
Transmission Charge	KWh x	\$0.00660			\$0.00660
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365			\$0.07365
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Default Service Customers (with Interruptible Credit #1)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
250	\$29.64	\$18.41	\$11.23	\$28.88	\$18.41	\$10.47	(\$0.76)	-2.6%
500	\$58.94	\$36.83	\$22.11	\$57.43	\$36.83	\$20.60	(\$1.51)	-2.6%
750	\$88.27	\$55.24	\$33.03	\$86.00	\$55.24	\$30.76	(\$2.27)	-2.6%
1,000	\$117.56	\$73.65	\$43.91	\$114.54	\$73.65	\$40.89	(\$3.02)	-2.6%
1,250	\$146.89	\$92.06	\$54.83	\$143.11	\$92.06	\$51.05	(\$3.78)	-2.6%
1,500	\$176.19	\$110.48	\$65.71	\$171.66	\$110.48	\$61.18	(\$4.53)	-2.6%
2,000	\$234.81	\$147.30	\$87.51	\$228.77	\$147.30	\$81.47	(\$6.04)	-2.6%
2,500	\$293.44	\$184.13	\$109.31	\$285.89	\$184.13	\$101.76	(\$7.55)	-2.6%

Present Rates			Proposed Rates		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02398			\$0.02398
Transition Charge	KWh x	\$0.01002			\$0.01002
Transmission Charge	KWh x	\$0.00660			\$0.00660
Interruptible Credit #1		(\$5.50)			(\$5.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)
<u>Supplier Services</u>					
Default Service Charge	KWh x	\$0.07365			\$0.07365

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Default Service Customers (with Interruptible Credit #2)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
250	\$27.64	\$18.41	\$9.23	\$26.88	\$18.41	\$8.47	(\$0.76)	-2.7%
500	\$56.94	\$36.83	\$20.11	\$55.43	\$36.83	\$18.60	(\$1.51)	-2.7%
750	\$86.27	\$55.24	\$31.03	\$84.00	\$55.24	\$28.76	(\$2.27)	-2.6%
1,000	\$115.56	\$73.65	\$41.91	\$112.54	\$73.65	\$38.89	(\$3.02)	-2.6%
1,250	\$144.89	\$92.06	\$52.83	\$141.11	\$92.06	\$49.05	(\$3.78)	-2.6%
1,500	\$174.19	\$110.48	\$63.71	\$169.66	\$110.48	\$59.18	(\$4.53)	-2.6%
2,000	\$232.81	\$147.30	\$85.51	\$226.77	\$147.30	\$79.47	(\$6.04)	-2.6%
2,500	\$291.44	\$184.13	\$107.31	\$283.89	\$184.13	\$99.76	(\$7.55)	-2.6%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02398			\$0.02398
Transition Charge	KWh x	\$0.01002			\$0.01002
Transmission Charge	KWh x	\$0.00660			\$0.00660
Interruptible Credit #2		(\$7.50)			(\$7.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365			\$0.07365
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Default Service Customers

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
50	\$8.65	\$3.68	\$4.97	\$8.50	\$3.68	\$4.82	(\$0.15)	-1.7%
100	\$13.51	\$7.37	\$6.14	\$13.21	\$7.37	\$5.84	(\$0.30)	-2.2%
150	\$18.39	\$11.05	\$7.34	\$17.94	\$11.05	\$6.89	(\$0.45)	-2.4%
250	\$28.12	\$18.41	\$9.71	\$27.36	\$18.41	\$8.95	(\$0.76)	-2.7%
300	\$32.98	\$22.10	\$10.88	\$32.07	\$22.10	\$9.97	(\$0.91)	-2.8%
500	\$52.46	\$36.83	\$15.63	\$50.95	\$36.83	\$14.12	(\$1.51)	-2.9%
600	\$62.18	\$44.19	\$17.99	\$60.37	\$44.19	\$16.18	(\$1.81)	-2.9%
750	\$76.79	\$55.24	\$21.55	\$74.52	\$55.24	\$19.28	(\$2.27)	-3.0%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$3.77	\$3.77
Distribution Charge	KWh x	\$0.00359	\$0.00359
Transition Charge	KWh x	\$0.01051	\$0.01051
Transmission Charge	KWh x	\$0.00660	\$0.00660
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365	\$0.07365
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Default Service Customers
With Interruptible Credit #1

/----- (1) -----/			/----- (2) -----/			(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
300	\$27.48	\$22.10	\$5.38	\$26.57	\$22.10	\$4.47	(\$0.91)	-3.3%
500	\$46.96	\$36.83	\$10.13	\$45.45	\$36.83	\$8.62	(\$1.51)	-3.2%
600	\$56.68	\$44.19	\$12.49	\$54.87	\$44.19	\$10.68	(\$1.81)	-3.2%
750	\$71.29	\$55.24	\$16.05	\$69.02	\$55.24	\$13.78	(\$2.27)	-3.2%
900	\$85.89	\$66.29	\$19.60	\$83.17	\$66.29	\$16.88	(\$2.72)	-3.2%
1,000	\$95.62	\$73.65	\$21.97	\$92.60	\$73.65	\$18.95	(\$3.02)	-3.2%
1,500	\$144.31	\$110.48	\$33.83	\$139.78	\$110.48	\$29.30	(\$4.53)	-3.1%
1,750	\$168.64	\$128.89	\$39.75	\$163.35	\$128.89	\$34.46	(\$5.29)	-3.1%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$3.77			\$3.77
Distribution Charge	KWh x	\$0.00359			\$0.00359
Transition Charge	KWh x	\$0.01051			\$0.01051
Transmission Charge	KWh x	\$0.00660			\$0.00660
Interruptible Credit #1		(\$5.50)			(\$5.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365			\$0.07365
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Default Service Customers
With Interruptible Credit #2

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
300	\$25.48	\$22.10	\$3.38	\$24.57	\$22.10	\$2.47	(\$0.91)	-3.6%
500	\$44.96	\$36.83	\$8.13	\$43.45	\$36.83	\$6.62	(\$1.51)	-3.4%
600	\$54.68	\$44.19	\$10.49	\$52.87	\$44.19	\$8.68	(\$1.81)	-3.3%
750	\$69.29	\$55.24	\$14.05	\$67.02	\$55.24	\$11.78	(\$2.27)	-3.3%
900	\$83.89	\$66.29	\$17.60	\$81.17	\$66.29	\$14.88	(\$2.72)	-3.2%
1,000	\$93.62	\$73.65	\$19.97	\$90.60	\$73.65	\$16.95	(\$3.02)	-3.2%
1,500	\$142.31	\$110.48	\$31.83	\$137.78	\$110.48	\$27.30	(\$4.53)	-3.2%
1,750	\$166.64	\$128.89	\$37.75	\$161.35	\$128.89	\$32.46	(\$5.29)	-3.2%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$3.77			\$3.77
Distribution Charge	KWh x	\$0.00359			\$0.00359
Transition Charge	KWh x	\$0.01051			\$0.01051
Transmission Charge	KWh x	\$0.00660			\$0.00660
Interruptible Credit #2		(\$7.50)			(\$7.50)
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365			\$0.07365
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-4 Rate Default Service Customers

KWh Split: - On-Peak 25%
- Off-Peak 75%

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
1,000	\$121.97	\$73.65	\$48.32	\$118.95	\$73.65	\$45.30	(\$3.02)	-2.5%
1,500	\$173.36	\$110.48	\$62.88	\$168.83	\$110.48	\$58.35	(\$4.53)	-2.6%
2,000	\$224.75	\$147.30	\$77.45	\$218.71	\$147.30	\$71.41	(\$6.04)	-2.7%
3,000	\$327.51	\$220.95	\$106.56	\$318.45	\$220.95	\$97.50	(\$9.06)	-2.8%
4,000	\$430.28	\$294.60	\$135.68	\$418.20	\$294.60	\$123.60	(\$12.08)	-2.8%
5,000	\$533.05	\$368.25	\$164.80	\$517.95	\$368.25	\$149.70	(\$15.10)	-2.8%
8,000	\$841.36	\$589.20	\$252.16	\$817.20	\$589.20	\$228.00	(\$24.16)	-2.9%
10,000	\$1,046.91	\$736.50	\$310.41	\$1,016.71	\$736.50	\$280.21	(\$30.20)	-2.9%

Present Rates			Proposed Rates	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.06057		\$0.06057
Distribution Charge: Off Peak	KWh x	\$0.00281		\$0.00281
Transition Charge: On Peak	KWh x	\$0.02363		\$0.02363
Transition Charge: Off Peak	KWh x	(\$0.00193)		(\$0.00193)
Transmission Charge	KWh x	\$0.00441		\$0.00441
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365	\$0.07365
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-4 Rate Default Service Customers

KWh Split: - On-Peak 30%
 - Off-Peak 70%

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
1,000	\$126.14	\$73.65	\$52.49	\$123.12	\$73.65	\$49.47	(\$3.02)	-2.4%
1,500	\$179.61	\$110.48	\$69.13	\$175.08	\$110.48	\$64.60	(\$4.53)	-2.5%
2,000	\$233.07	\$147.30	\$85.77	\$227.03	\$147.30	\$79.73	(\$6.04)	-2.6%
3,000	\$340.01	\$220.95	\$119.06	\$330.95	\$220.95	\$110.00	(\$9.06)	-2.7%
4,000	\$446.95	\$294.60	\$152.35	\$434.87	\$294.60	\$140.27	(\$12.08)	-2.7%
5,000	\$553.89	\$368.25	\$185.64	\$538.79	\$368.25	\$170.54	(\$15.10)	-2.7%
8,000	\$874.69	\$589.20	\$285.49	\$850.53	\$589.20	\$261.33	(\$24.16)	-2.8%
10,000	\$1,088.56	\$736.50	\$352.06	\$1,058.36	\$736.50	\$321.86	(\$30.20)	-2.8%

Present Rates			Proposed Rates	
Customer Charge		\$19.20		\$19.20
Distribution Charge: On Peak	KWh x	\$0.06057		\$0.06057
Distribution Charge: Off Peak	KWh x	\$0.00281		\$0.00281
Transition Charge: On Peak	KWh x	\$0.02363		\$0.02363
Transition Charge: Off Peak	KWh x	(\$0.00193)		(\$0.00193)
Transmission Charge	KWh x	\$0.00441		\$0.00441
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365	\$0.07365
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-4 Rate Default Service Customers

KWh Split: - On-Peak 40%
 - Off-Peak 60%

Monthly KWh	/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
	Present Rates			Proposed Rates			Overall	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
1,000	\$134.47	\$73.65	\$60.82	\$131.45	\$73.65	\$57.80	(\$3.02)	-2.2%
1,500	\$192.11	\$110.48	\$81.63	\$187.58	\$110.48	\$77.10	(\$4.53)	-2.4%
2,000	\$249.73	\$147.30	\$102.43	\$243.69	\$147.30	\$96.39	(\$6.04)	-2.4%
3,000	\$365.01	\$220.95	\$144.06	\$355.95	\$220.95	\$135.00	(\$9.06)	-2.5%
4,000	\$480.27	\$294.60	\$185.67	\$468.19	\$294.60	\$173.59	(\$12.08)	-2.5%
5,000	\$595.54	\$368.25	\$227.29	\$580.44	\$368.25	\$212.19	(\$15.10)	-2.5%
8,000	\$941.35	\$589.20	\$352.15	\$917.19	\$589.20	\$327.99	(\$24.16)	-2.6%
10,000	\$1,171.88	\$736.50	\$435.38	\$1,141.68	\$736.50	\$405.18	(\$30.20)	-2.6%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$19.20			\$19.20
Distribution Charge: On Peak	KWh x	\$0.06057			\$0.06057
Distribution Charge: Off Peak	KWh x	\$0.00281			\$0.00281
Transition Charge: On Peak	KWh x	\$0.02363			\$0.02363
Transition Charge: Off Peak	KWh x	(\$0.00193)			(\$0.00193)
Transmission Charge	KWh x	\$0.00441			\$0.00441
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365			\$0.07365
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-1 Rate Default Service Customers

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
50	\$15.13	\$3.95	\$11.18	\$14.98	\$3.95	\$11.03	(\$0.15)	-1.0%
100	\$21.93	\$7.91	\$14.02	\$21.63	\$7.91	\$13.72	(\$0.30)	-1.4%
250	\$42.34	\$19.77	\$22.57	\$41.58	\$19.77	\$21.81	(\$0.76)	-1.8%
500	\$76.36	\$39.55	\$36.81	\$74.85	\$39.55	\$35.30	(\$1.51)	-2.0%
1,000	\$144.37	\$79.09	\$65.28	\$141.35	\$79.09	\$62.26	(\$3.02)	-2.1%
2,500	\$348.46	\$197.73	\$150.73	\$340.91	\$197.73	\$143.18	(\$7.55)	-2.2%
5,000	\$688.57	\$395.45	\$293.12	\$673.47	\$395.45	\$278.02	(\$15.10)	-2.2%
7,500	\$1,028.71	\$593.18	\$435.53	\$1,006.06	\$593.18	\$412.88	(\$22.65)	-2.2%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$8.32		\$8.32
Distribution Charge	KWh x	\$0.03739		\$0.03739
Transition Charge	KWh x	\$0.00972		\$0.00972
Transmission Charge	KWh x	\$0.00685		\$0.00685
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07909	\$0.07909
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Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 200

SEMA Zone (Southeastern Massachusetts)

		(1)			(2)			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	3,000	\$395.30	\$225.57	\$169.73	\$386.24	\$225.57	\$160.67	(\$9.06)	-2.3%
20	4,000	\$521.99	\$300.76	\$221.23	\$509.91	\$300.76	\$209.15	(\$12.08)	-2.3%
40	8,000	\$1,028.75	\$601.52	\$427.23	\$1,004.59	\$601.52	\$403.07	(\$24.16)	-2.3%
75	15,000	\$1,915.58	\$1,127.85	\$787.73	\$1,870.28	\$1,127.85	\$742.43	(\$45.30)	-2.4%
150	30,000	\$3,815.93	\$2,255.70	\$1,560.23	\$3,725.33	\$2,255.70	\$1,469.63	(\$90.60)	-2.4%

WCMA Zone (West/Central Massachusetts)

		(1)			(2)			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	3,000	\$386.90	\$217.17	\$169.73	\$377.84	\$217.17	\$160.67	(\$9.06)	-2.3%
20	4,000	\$510.79	\$289.56	\$221.23	\$498.71	\$289.56	\$209.15	(\$12.08)	-2.4%
40	8,000	\$1,006.35	\$579.12	\$427.23	\$982.19	\$579.12	\$403.07	(\$24.16)	-2.4%
75	15,000	\$1,873.58	\$1,085.85	\$787.73	\$1,828.28	\$1,085.85	\$742.43	(\$45.30)	-2.4%
150	30,000	\$3,731.93	\$2,171.70	\$1,560.23	\$3,641.33	\$2,171.70	\$1,469.63	(\$90.60)	-2.4%

NEMA Zone (Northeastern Massachusetts)

		(1)			(2)			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	3,000	\$428.39	\$258.66	\$169.73	\$419.33	\$258.66	\$160.67	(\$9.06)	-2.1%
20	4,000	\$566.11	\$344.88	\$221.23	\$554.03	\$344.88	\$209.15	(\$12.08)	-2.1%
40	8,000	\$1,116.99	\$689.76	\$427.23	\$1,092.83	\$689.76	\$403.07	(\$24.16)	-2.2%
75	15,000	\$2,081.03	\$1,293.30	\$787.73	\$2,035.73	\$1,293.30	\$742.43	(\$45.30)	-2.2%
150	30,000	\$4,146.83	\$2,586.60	\$1,560.23	\$4,056.23	\$2,586.60	\$1,469.63	(\$90.60)	-2.2%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 250

SEMA Zone (Southeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	3,750	\$464.46	\$281.96	\$182.50	\$453.13	\$281.96	\$171.17	(\$11.33)	-2.4%
20	5,000	\$614.18	\$375.95	\$238.23	\$599.08	\$375.95	\$223.13	(\$15.10)	-2.5%
40	10,000	\$1,213.13	\$751.90	\$461.23	\$1,182.93	\$751.90	\$431.03	(\$30.20)	-2.5%
75	18,750	\$2,261.31	\$1,409.81	\$851.50	\$2,204.68	\$1,409.81	\$794.87	(\$56.63)	-2.5%
150	37,500	\$4,507.36	\$2,819.63	\$1,687.73	\$4,394.11	\$2,819.63	\$1,574.48	(\$113.25)	-2.5%

WCMA Zone (West/Central Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	3,750	\$453.96	\$271.46	\$182.50	\$442.63	\$271.46	\$171.17	(\$11.33)	-2.5%
20	5,000	\$600.18	\$361.95	\$238.23	\$585.08	\$361.95	\$223.13	(\$15.10)	-2.5%
40	10,000	\$1,185.13	\$723.90	\$461.23	\$1,154.93	\$723.90	\$431.03	(\$30.20)	-2.5%
75	18,750	\$2,208.81	\$1,357.31	\$851.50	\$2,152.18	\$1,357.31	\$794.87	(\$56.63)	-2.6%
150	37,500	\$4,402.36	\$2,714.63	\$1,687.73	\$4,289.11	\$2,714.63	\$1,574.48	(\$113.25)	-2.6%

NEMA Zone (Northeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	3,750	\$505.83	\$323.33	\$182.50	\$494.50	\$323.33	\$171.17	(\$11.33)	-2.2%
20	5,000	\$669.33	\$431.10	\$238.23	\$654.23	\$431.10	\$223.13	(\$15.10)	-2.3%
40	10,000	\$1,323.43	\$862.20	\$461.23	\$1,293.23	\$862.20	\$431.03	(\$30.20)	-2.3%
75	18,750	\$2,468.13	\$1,616.63	\$851.50	\$2,411.50	\$1,616.63	\$794.87	(\$56.63)	-2.3%
150	37,500	\$4,920.98	\$3,233.25	\$1,687.73	\$4,807.73	\$3,233.25	\$1,574.48	(\$113.25)	-2.3%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 300

SEMA Zone (Southeastern Massachusetts)

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	4,500	\$533.59	\$338.36	\$195.23	\$520.00	\$338.36	\$181.64	(\$13.59)	-2.5%
20	6,000	\$706.37	\$451.14	\$255.23	\$688.25	\$451.14	\$237.11	(\$18.12)	-2.6%
40	12,000	\$1,397.51	\$902.28	\$495.23	\$1,361.27	\$902.28	\$458.99	(\$36.24)	-2.6%
75	22,500	\$2,607.01	\$1,691.78	\$915.23	\$2,539.06	\$1,691.78	\$847.28	(\$67.95)	-2.6%
150	45,000	\$5,198.78	\$3,383.55	\$1,815.23	\$5,062.88	\$3,383.55	\$1,679.33	(\$135.90)	-2.6%

WCMA Zone (West/Central Massachusetts)

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	4,500	\$520.99	\$325.76	\$195.23	\$507.40	\$325.76	\$181.64	(\$13.59)	-2.6%
20	6,000	\$689.57	\$434.34	\$255.23	\$671.45	\$434.34	\$237.11	(\$18.12)	-2.6%
40	12,000	\$1,363.91	\$868.68	\$495.23	\$1,327.67	\$868.68	\$458.99	(\$36.24)	-2.7%
75	22,500	\$2,544.01	\$1,628.78	\$915.23	\$2,476.06	\$1,628.78	\$847.28	(\$67.95)	-2.7%
150	45,000	\$5,072.78	\$3,257.55	\$1,815.23	\$4,936.88	\$3,257.55	\$1,679.33	(\$135.90)	-2.7%

NEMA Zone (Northeastern Massachusetts)

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	4,500	\$583.22	\$387.99	\$195.23	\$569.63	\$387.99	\$181.64	(\$13.59)	-2.3%
20	6,000	\$772.55	\$517.32	\$255.23	\$754.43	\$517.32	\$237.11	(\$18.12)	-2.3%
40	12,000	\$1,529.87	\$1,034.64	\$495.23	\$1,493.63	\$1,034.64	\$458.99	(\$36.24)	-2.4%
75	22,500	\$2,855.18	\$1,939.95	\$915.23	\$2,787.23	\$1,939.95	\$847.28	(\$67.95)	-2.4%
150	45,000	\$5,695.13	\$3,879.90	\$1,815.23	\$5,559.23	\$3,879.90	\$1,679.33	(\$135.90)	-2.4%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
 Proposed May 2003 Service Quality Credit
 Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 350

SEMA Zone (Southeastern Massachusetts)

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	5,250	\$602.75	\$394.75	\$208.00	\$586.89	\$394.75	\$192.14	(\$15.86)	-2.6%
20	7,000	\$798.56	\$526.33	\$272.23	\$777.42	\$526.33	\$251.09	(\$21.14)	-2.6%
40	14,000	\$1,581.89	\$1,052.66	\$529.23	\$1,539.61	\$1,052.66	\$486.95	(\$42.28)	-2.7%
75	26,250	\$2,952.74	\$1,973.74	\$979.00	\$2,873.46	\$1,973.74	\$899.72	(\$79.28)	-2.7%
150	52,500	\$5,890.21	\$3,947.48	\$1,942.73	\$5,731.66	\$3,947.48	\$1,784.18	(\$158.55)	-2.7%

WCMA Zone (West/Central Massachusetts)

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	5,250	\$588.05	\$380.05	\$208.00	\$572.19	\$380.05	\$192.14	(\$15.86)	-2.7%
20	7,000	\$778.96	\$506.73	\$272.23	\$757.82	\$506.73	\$251.09	(\$21.14)	-2.7%
40	14,000	\$1,542.69	\$1,013.46	\$529.23	\$1,500.41	\$1,013.46	\$486.95	(\$42.28)	-2.7%
75	26,250	\$2,879.24	\$1,900.24	\$979.00	\$2,799.96	\$1,900.24	\$899.72	(\$79.28)	-2.8%
150	52,500	\$5,743.21	\$3,800.48	\$1,942.73	\$5,584.66	\$3,800.48	\$1,784.18	(\$158.55)	-2.8%

NEMA Zone (Northeastern Massachusetts)

		/------(1)-----/			/------(2)-----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	5,250	\$660.66	\$452.66	\$208.00	\$644.80	\$452.66	\$192.14	(\$15.86)	-2.4%
20	7,000	\$875.77	\$603.54	\$272.23	\$854.63	\$603.54	\$251.09	(\$21.14)	-2.4%
40	14,000	\$1,736.31	\$1,207.08	\$529.23	\$1,694.03	\$1,207.08	\$486.95	(\$42.28)	-2.4%
75	26,250	\$3,242.28	\$2,263.28	\$979.00	\$3,163.00	\$2,263.28	\$899.72	(\$79.28)	-2.4%
150	52,500	\$6,469.28	\$4,526.55	\$1,942.73	\$6,310.73	\$4,526.55	\$1,784.18	(\$158.55)	-2.5%

Present Rates			Proposed Rates		
Customer Charge		\$15.23		\$15.23	
Distribution Demand Charge	KW x	\$5.92		\$5.92	
Transition Demand Charge	KW x	\$0.98		\$0.98	
Distribution Charge	KWh x	\$0.00034		\$0.00034	
Transition Charge	KWh x	\$0.00734		\$0.00734	
Transmission Charge	KWh x	\$0.00632		\$0.00632	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	
Service Quality Credit	KWh x			(\$0.00302)	

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 400

SEMA Zone (Southeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	6,000	\$671.87	\$451.14	\$220.73	\$653.75	\$451.14	\$202.61	(\$18.12)	-2.7%
20	8,000	\$890.75	\$601.52	\$289.23	\$866.59	\$601.52	\$265.07	(\$24.16)	-2.7%
40	16,000	\$1,766.27	\$1,203.04	\$563.23	\$1,717.95	\$1,203.04	\$514.91	(\$48.32)	-2.7%
75	30,000	\$3,298.43	\$2,255.70	\$1,042.73	\$3,207.83	\$2,255.70	\$952.13	(\$90.60)	-2.7%
150	60,000	\$6,581.63	\$4,511.40	\$2,070.23	\$6,400.43	\$4,511.40	\$1,889.03	(\$181.20)	-2.8%

WCMA Zone (West/Central Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	6,000	\$655.07	\$434.34	\$220.73	\$636.95	\$434.34	\$202.61	(\$18.12)	-2.8%
20	8,000	\$868.35	\$579.12	\$289.23	\$844.19	\$579.12	\$265.07	(\$24.16)	-2.8%
40	16,000	\$1,721.47	\$1,158.24	\$563.23	\$1,673.15	\$1,158.24	\$514.91	(\$48.32)	-2.8%
75	30,000	\$3,214.43	\$2,171.70	\$1,042.73	\$3,123.83	\$2,171.70	\$952.13	(\$90.60)	-2.8%
150	60,000	\$6,413.63	\$4,343.40	\$2,070.23	\$6,232.43	\$4,343.40	\$1,889.03	(\$181.20)	-2.8%

NEMA Zone (Northeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	6,000	\$738.05	\$517.32	\$220.73	\$719.93	\$517.32	\$202.61	(\$18.12)	-2.5%
20	8,000	\$978.99	\$689.76	\$289.23	\$954.83	\$689.76	\$265.07	(\$24.16)	-2.5%
40	16,000	\$1,942.75	\$1,379.52	\$563.23	\$1,894.43	\$1,379.52	\$514.91	(\$48.32)	-2.5%
75	30,000	\$3,629.33	\$2,586.60	\$1,042.73	\$3,538.73	\$2,586.60	\$952.13	(\$90.60)	-2.5%
150	60,000	\$7,243.43	\$5,173.20	\$2,070.23	\$7,062.23	\$5,173.20	\$1,889.03	(\$181.20)	-2.5%

Present Rates			Proposed Rates		
Customer Charge		\$15.23		\$15.23	
Distribution Demand Charge	KW x	\$5.92		\$5.92	
Transition Demand Charge	KW x	\$0.98		\$0.98	
Distribution Charge	KWh x	\$0.00034		\$0.00034	
Transition Charge	KWh x	\$0.00734		\$0.00734	
Transmission Charge	KWh x	\$0.00632		\$0.00632	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	
Service Quality Credit	KWh x			(\$0.00302)	
Supplier Services					
SEMA Default Service Charge	KWh x	\$0.07519		\$0.07519	
WCMA Default Service Charge	KWh x	\$0.07239		\$0.07239	
NEMA Default Service Charge	KWh x	\$0.08622		\$0.08622	

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 450

SEMA Zone (Southeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	6,750	\$741.03	\$507.53	\$233.50	\$720.64	\$507.53	\$213.11	(\$20.39)	-2.8%
20	9,000	\$982.94	\$676.71	\$306.23	\$955.76	\$676.71	\$279.05	(\$27.18)	-2.8%
40	18,000	\$1,950.65	\$1,353.42	\$597.23	\$1,896.29	\$1,353.42	\$542.87	(\$54.36)	-2.8%
75	33,750	\$3,644.16	\$2,537.66	\$1,106.50	\$3,542.23	\$2,537.66	\$1,004.57	(\$101.93)	-2.8%
150	67,500	\$7,273.06	\$5,075.33	\$2,197.73	\$7,069.21	\$5,075.33	\$1,993.88	(\$203.85)	-2.8%

WCMA Zone (West/Central Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	6,750	\$722.13	\$488.63	\$233.50	\$701.74	\$488.63	\$213.11	(\$20.39)	-2.8%
20	9,000	\$957.74	\$651.51	\$306.23	\$930.56	\$651.51	\$279.05	(\$27.18)	-2.8%
40	18,000	\$1,900.25	\$1,303.02	\$597.23	\$1,845.89	\$1,303.02	\$542.87	(\$54.36)	-2.9%
75	33,750	\$3,549.66	\$2,443.16	\$1,106.50	\$3,447.73	\$2,443.16	\$1,004.57	(\$101.93)	-2.9%
150	67,500	\$7,084.06	\$4,886.33	\$2,197.73	\$6,880.21	\$4,886.33	\$1,993.88	(\$203.85)	-2.9%

NEMA Zone (Northeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	6,750	\$815.49	\$581.99	\$233.50	\$795.10	\$581.99	\$213.11	(\$20.39)	-2.5%
20	9,000	\$1,082.21	\$775.98	\$306.23	\$1,055.03	\$775.98	\$279.05	(\$27.18)	-2.5%
40	18,000	\$2,149.19	\$1,551.96	\$597.23	\$2,094.83	\$1,551.96	\$542.87	(\$54.36)	-2.5%
75	33,750	\$4,016.43	\$2,909.93	\$1,106.50	\$3,914.50	\$2,909.93	\$1,004.57	(\$101.93)	-2.5%
150	67,500	\$8,017.58	\$5,819.85	\$2,197.73	\$7,813.73	\$5,819.85	\$1,993.88	(\$203.85)	-2.5%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 250

KWh Split: - On-Peak 55%
- Off-Peak 45%

SEMA Zone (Southeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	150,000	\$17,425.20	\$11,278.50	\$6,146.70	\$16,972.20	\$11,278.50	\$5,693.70	(\$453.00)	-2.6%
800	200,000	\$23,211.17	\$15,038.00	\$8,173.17	\$22,607.17	\$15,038.00	\$7,569.17	(\$604.00)	-2.6%
1,000	250,000	\$28,997.15	\$18,797.50	\$10,199.65	\$28,242.15	\$18,797.50	\$9,444.65	(\$755.00)	-2.6%
1,500	375,000	\$43,462.08	\$28,196.25	\$15,265.83	\$42,329.58	\$28,196.25	\$14,133.33	(\$1,132.50)	-2.6%
3,000	750,000	\$86,856.90	\$56,392.50	\$30,464.40	\$84,591.90	\$56,392.50	\$28,199.40	(\$2,265.00)	-2.6%

WCMA Zone (West/Central Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	150,000	\$17,005.20	\$10,858.50	\$6,146.70	\$16,552.20	\$10,858.50	\$5,693.70	(\$453.00)	-2.7%
800	200,000	\$22,651.17	\$14,478.00	\$8,173.17	\$22,047.17	\$14,478.00	\$7,569.17	(\$604.00)	-2.7%
1,000	250,000	\$28,297.15	\$18,097.50	\$10,199.65	\$27,542.15	\$18,097.50	\$9,444.65	(\$755.00)	-2.7%
1,500	375,000	\$42,412.08	\$27,146.25	\$15,265.83	\$41,279.58	\$27,146.25	\$14,133.33	(\$1,132.50)	-2.7%
3,000	750,000	\$84,756.90	\$54,292.50	\$30,464.40	\$82,491.90	\$54,292.50	\$28,199.40	(\$2,265.00)	-2.7%

NEMA Zone (Northeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	150,000	\$19,079.70	\$12,933.00	\$6,146.70	\$18,626.70	\$12,933.00	\$5,693.70	(\$453.00)	-2.4%
800	200,000	\$25,417.17	\$17,244.00	\$8,173.17	\$24,813.17	\$17,244.00	\$7,569.17	(\$604.00)	-2.4%
1,000	250,000	\$31,754.65	\$21,555.00	\$10,199.65	\$30,999.65	\$21,555.00	\$9,444.65	(\$755.00)	-2.4%
1,500	375,000	\$47,598.33	\$32,332.50	\$15,265.83	\$46,465.83	\$32,332.50	\$14,133.33	(\$1,132.50)	-2.4%
3,000	750,000	\$95,129.40	\$64,665.00	\$30,464.40	\$92,864.40	\$64,665.00	\$28,199.40	(\$2,265.00)	-2.4%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 300

KWh Split: - On-Peak 50%
- Off-Peak 50%

SEMA Zone (Southeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	180,000	\$20,166.97	\$13,534.20	\$6,632.77	\$19,623.37	\$13,534.20	\$6,089.17	(\$543.60)	-2.7%
800	240,000	\$26,866.87	\$18,045.60	\$8,821.27	\$26,142.07	\$18,045.60	\$8,096.47	(\$724.80)	-2.7%
1,000	300,000	\$33,566.77	\$22,557.00	\$11,009.77	\$32,660.77	\$22,557.00	\$10,103.77	(\$906.00)	-2.7%
1,500	450,000	\$50,316.52	\$33,835.50	\$16,481.02	\$48,957.52	\$33,835.50	\$15,122.02	(\$1,359.00)	-2.7%
3,000	900,000	\$100,565.77	\$67,671.00	\$32,894.77	\$97,847.77	\$67,671.00	\$30,176.77	(\$2,718.00)	-2.7%

WCMA Zone (West/Central Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	180,000	\$19,662.97	\$13,030.20	\$6,632.77	\$19,119.37	\$13,030.20	\$6,089.17	(\$543.60)	-2.8%
800	240,000	\$26,194.87	\$17,373.60	\$8,821.27	\$25,470.07	\$17,373.60	\$8,096.47	(\$724.80)	-2.8%
1,000	300,000	\$32,726.77	\$21,717.00	\$11,009.77	\$31,820.77	\$21,717.00	\$10,103.77	(\$906.00)	-2.8%
1,500	450,000	\$49,056.52	\$32,575.50	\$16,481.02	\$47,697.52	\$32,575.50	\$15,122.02	(\$1,359.00)	-2.8%
3,000	900,000	\$98,045.77	\$65,151.00	\$32,894.77	\$95,327.77	\$65,151.00	\$30,176.77	(\$2,718.00)	-2.8%

NEMA Zone (Northeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	180,000	\$22,152.37	\$15,519.60	\$6,632.77	\$21,608.77	\$15,519.60	\$6,089.17	(\$543.60)	-2.5%
800	240,000	\$29,514.07	\$20,692.80	\$8,821.27	\$28,789.27	\$20,692.80	\$8,096.47	(\$724.80)	-2.5%
1,000	300,000	\$36,875.77	\$25,866.00	\$11,009.77	\$35,969.77	\$25,866.00	\$10,103.77	(\$906.00)	-2.5%
1,500	450,000	\$55,280.02	\$38,799.00	\$16,481.02	\$53,921.02	\$38,799.00	\$15,122.02	(\$1,359.00)	-2.5%
3,000	900,000	\$110,492.77	\$77,598.00	\$32,894.77	\$107,774.77	\$77,598.00	\$30,176.77	(\$2,718.00)	-2.5%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 350

KWh Split: - On-Peak 50%
- Off-Peak 50%

SEMA Zone (Southeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	210,000	\$22,988.92	\$15,789.90	\$7,199.02	\$22,354.72	\$15,789.90	\$6,564.82	(\$634.20)	-2.8%
800	280,000	\$30,629.47	\$21,053.20	\$9,576.27	\$29,783.87	\$21,053.20	\$8,730.67	(\$845.60)	-2.8%
1,000	350,000	\$38,270.02	\$26,316.50	\$11,953.52	\$37,213.02	\$26,316.50	\$10,896.52	(\$1,057.00)	-2.8%
1,500	525,000	\$57,371.40	\$39,474.75	\$17,896.65	\$55,785.90	\$39,474.75	\$16,311.15	(\$1,585.50)	-2.8%
3,000	1,050,000	\$114,675.52	\$78,949.50	\$35,726.02	\$111,504.52	\$78,949.50	\$32,555.02	(\$3,171.00)	-2.8%

WCMA Zone (West/Central Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	210,000	\$22,400.92	\$15,201.90	\$7,199.02	\$21,766.72	\$15,201.90	\$6,564.82	(\$634.20)	-2.8%
800	280,000	\$29,845.47	\$20,269.20	\$9,576.27	\$28,999.87	\$20,269.20	\$8,730.67	(\$845.60)	-2.8%
1,000	350,000	\$37,290.02	\$25,336.50	\$11,953.52	\$36,233.02	\$25,336.50	\$10,896.52	(\$1,057.00)	-2.8%
1,500	525,000	\$55,901.40	\$38,004.75	\$17,896.65	\$54,315.90	\$38,004.75	\$16,311.15	(\$1,585.50)	-2.8%
3,000	1,050,000	\$111,735.52	\$76,009.50	\$35,726.02	\$108,564.52	\$76,009.50	\$32,555.02	(\$3,171.00)	-2.8%

NEMA Zone (Northeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	210,000	\$25,305.22	\$18,106.20	\$7,199.02	\$24,671.02	\$18,106.20	\$6,564.82	(\$634.20)	-2.5%
800	280,000	\$33,717.87	\$24,141.60	\$9,576.27	\$32,872.27	\$24,141.60	\$8,730.67	(\$845.60)	-2.5%
1,000	350,000	\$42,130.52	\$30,177.00	\$11,953.52	\$41,073.52	\$30,177.00	\$10,896.52	(\$1,057.00)	-2.5%
1,500	525,000	\$63,162.15	\$45,265.50	\$17,896.65	\$61,576.65	\$45,265.50	\$16,311.15	(\$1,585.50)	-2.5%
3,000	1,050,000	\$126,257.02	\$90,531.00	\$35,726.02	\$123,086.02	\$90,531.00	\$32,555.02	(\$3,171.00)	-2.5%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 400

KWh Split: - On-Peak 45%
- Off-Peak 55%

SEMA Zone (Southeastern Massachusetts)

		(1)			(2)			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	240,000	\$25,682.59	\$18,045.60	\$7,636.99	\$24,957.79	\$18,045.60	\$6,912.19	(\$724.80)	-2.8%
800	320,000	\$34,221.03	\$24,060.80	\$10,160.23	\$33,254.63	\$24,060.80	\$9,193.83	(\$966.40)	-2.8%
1,000	400,000	\$42,759.47	\$30,076.00	\$12,683.47	\$41,551.47	\$30,076.00	\$11,475.47	(\$1,208.00)	-2.8%
1,500	600,000	\$64,105.57	\$45,114.00	\$18,991.57	\$62,293.57	\$45,114.00	\$17,179.57	(\$1,812.00)	-2.8%
3,000	1,200,000	\$128,143.87	\$90,228.00	\$37,915.87	\$124,519.87	\$90,228.00	\$34,291.87	(\$3,624.00)	-2.8%

WCMA Zone (West/Central Massachusetts)

		(1)			(2)			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	240,000	\$25,010.59	\$17,373.60	\$7,636.99	\$24,285.79	\$17,373.60	\$6,912.19	(\$724.80)	-2.9%
800	320,000	\$33,325.03	\$23,164.80	\$10,160.23	\$32,358.63	\$23,164.80	\$9,193.83	(\$966.40)	-2.9%
1,000	400,000	\$41,639.47	\$28,956.00	\$12,683.47	\$40,431.47	\$28,956.00	\$11,475.47	(\$1,208.00)	-2.9%
1,500	600,000	\$62,425.57	\$43,434.00	\$18,991.57	\$60,613.57	\$43,434.00	\$17,179.57	(\$1,812.00)	-2.9%
3,000	1,200,000	\$124,783.87	\$86,868.00	\$37,915.87	\$121,159.87	\$86,868.00	\$34,291.87	(\$3,624.00)	-2.9%

NEMA Zone (Northeastern Massachusetts)

		(1)			(2)			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	240,000	\$28,329.79	\$20,692.80	\$7,636.99	\$27,604.99	\$20,692.80	\$6,912.19	(\$724.80)	-2.6%
800	320,000	\$37,750.63	\$27,590.40	\$10,160.23	\$36,784.23	\$27,590.40	\$9,193.83	(\$966.40)	-2.6%
1,000	400,000	\$47,171.47	\$34,488.00	\$12,683.47	\$45,963.47	\$34,488.00	\$11,475.47	(\$1,208.00)	-2.6%
1,500	600,000	\$70,723.57	\$51,732.00	\$18,991.57	\$68,911.57	\$51,732.00	\$17,179.57	(\$1,812.00)	-2.6%
3,000	1,200,000	\$141,379.87	\$103,464.00	\$37,915.87	\$137,755.87	\$103,464.00	\$34,291.87	(\$3,624.00)	-2.6%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 450

KWh Split: - On-Peak 45%
- Off-Peak 55%

SEMA Zone (Southeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	270,000	\$28,488.51	\$20,301.30	\$8,187.21	\$27,673.11	\$20,301.30	\$7,371.81	(\$815.40)	-2.9%
800	360,000	\$37,962.25	\$27,068.40	\$10,893.85	\$36,875.05	\$27,068.40	\$9,806.65	(\$1,087.20)	-2.9%
1,000	450,000	\$47,436.00	\$33,835.50	\$13,600.50	\$46,077.00	\$33,835.50	\$12,241.50	(\$1,359.00)	-2.9%
1,500	675,000	\$71,120.36	\$50,753.25	\$20,367.11	\$69,081.86	\$50,753.25	\$18,328.61	(\$2,038.50)	-2.9%
3,000	1,350,000	\$142,173.45	\$101,506.50	\$40,666.95	\$138,096.45	\$101,506.50	\$36,589.95	(\$4,077.00)	-2.9%

WCMA Zone (West/Central Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	270,000	\$27,732.51	\$19,545.30	\$8,187.21	\$26,917.11	\$19,545.30	\$7,371.81	(\$815.40)	-2.9%
800	360,000	\$36,954.25	\$26,060.40	\$10,893.85	\$35,867.05	\$26,060.40	\$9,806.65	(\$1,087.20)	-2.9%
1,000	450,000	\$46,176.00	\$32,575.50	\$13,600.50	\$44,817.00	\$32,575.50	\$12,241.50	(\$1,359.00)	-2.9%
1,500	675,000	\$69,230.36	\$48,863.25	\$20,367.11	\$67,191.86	\$48,863.25	\$18,328.61	(\$2,038.50)	-2.9%
3,000	1,350,000	\$138,393.45	\$97,726.50	\$40,666.95	\$134,316.45	\$97,726.50	\$36,589.95	(\$4,077.00)	-2.9%

NEMA Zone (Northeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	270,000	\$31,466.61	\$23,279.40	\$8,187.21	\$30,651.21	\$23,279.40	\$7,371.81	(\$815.40)	-2.6%
800	360,000	\$41,933.05	\$31,039.20	\$10,893.85	\$40,845.85	\$31,039.20	\$9,806.65	(\$1,087.20)	-2.6%
1,000	450,000	\$52,399.50	\$38,799.00	\$13,600.50	\$51,040.50	\$38,799.00	\$12,241.50	(\$1,359.00)	-2.6%
1,500	675,000	\$78,565.61	\$58,198.50	\$20,367.11	\$76,527.11	\$58,198.50	\$18,328.61	(\$2,038.50)	-2.6%
3,000	1,350,000	\$157,063.95	\$116,397.00	\$40,666.95	\$152,986.95	\$116,397.00	\$36,589.95	(\$4,077.00)	-2.6%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

Massachusetts Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 500

KWh Split: - On-Peak 45%
- Off-Peak 55%

SEMA Zone (Southeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	300,000	\$31,294.42	\$22,557.00	\$8,737.42	\$30,388.42	\$22,557.00	\$7,831.42	(\$906.00)	-2.9%
800	400,000	\$41,703.47	\$30,076.00	\$11,627.47	\$40,495.47	\$30,076.00	\$10,419.47	(\$1,208.00)	-2.9%
1,000	500,000	\$52,112.52	\$37,595.00	\$14,517.52	\$50,602.52	\$37,595.00	\$13,007.52	(\$1,510.00)	-2.9%
1,500	750,000	\$78,135.15	\$56,392.50	\$21,742.65	\$75,870.15	\$56,392.50	\$19,477.65	(\$2,265.00)	-2.9%
3,000	1,500,000	\$156,203.02	\$112,785.00	\$43,418.02	\$151,673.02	\$112,785.00	\$38,888.02	(\$4,530.00)	-2.9%

WCMA Zone (West/Central Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	300,000	\$30,454.42	\$21,717.00	\$8,737.42	\$29,548.42	\$21,717.00	\$7,831.42	(\$906.00)	-3.0%
800	400,000	\$40,583.47	\$28,956.00	\$11,627.47	\$39,375.47	\$28,956.00	\$10,419.47	(\$1,208.00)	-3.0%
1,000	500,000	\$50,712.52	\$36,195.00	\$14,517.52	\$49,202.52	\$36,195.00	\$13,007.52	(\$1,510.00)	-3.0%
1,500	750,000	\$76,035.15	\$54,292.50	\$21,742.65	\$73,770.15	\$54,292.50	\$19,477.65	(\$2,265.00)	-3.0%
3,000	1,500,000	\$152,003.02	\$108,585.00	\$43,418.02	\$147,473.02	\$108,585.00	\$38,888.02	(\$4,530.00)	-3.0%

NEMA Zone (Northeastern Massachusetts)

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Monthly KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	300,000	\$34,603.42	\$25,866.00	\$8,737.42	\$33,697.42	\$25,866.00	\$7,831.42	(\$906.00)	-2.6%
800	400,000	\$46,115.47	\$34,488.00	\$11,627.47	\$44,907.47	\$34,488.00	\$10,419.47	(\$1,208.00)	-2.6%
1,000	500,000	\$57,627.52	\$43,110.00	\$14,517.52	\$56,117.52	\$43,110.00	\$13,007.52	(\$1,510.00)	-2.6%
1,500	750,000	\$86,407.65	\$64,665.00	\$21,742.65	\$84,142.65	\$64,665.00	\$19,477.65	(\$2,265.00)	-2.6%
3,000	1,500,000	\$172,748.02	\$129,330.00	\$43,418.02	\$168,218.02	\$129,330.00	\$38,888.02	(\$4,530.00)	-2.6%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
Distribution Charge: On Peak	KWh x	\$0.01017	\$0.01017
Distribution Charge: Off Peak	KWh x	(\$0.00052)	(\$0.00052)
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

SEMA Default Service Charge	KWh x	\$0.07519	\$0.07519
WCMA Default Service Charge	KWh x	\$0.07239	\$0.07239
NEMA Default Service Charge	KWh x	\$0.08622	\$0.08622

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Responses to Departments Second Set of Information Requests

Attachment 3

Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Standard Offer Customers

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
125	\$20.19	\$7.00	\$13.19	\$19.81	\$7.00	\$12.81	(\$0.38)	-1.9%
250	\$34.60	\$14.01	\$20.59	\$33.84	\$14.01	\$19.83	(\$0.76)	-2.2%
500	\$63.34	\$28.01	\$35.33	\$61.83	\$28.01	\$33.82	(\$1.51)	-2.4%
750	\$92.13	\$42.02	\$50.11	\$89.86	\$42.02	\$47.84	(\$2.27)	-2.5%
1,000	\$120.87	\$56.02	\$64.85	\$117.85	\$56.02	\$61.83	(\$3.02)	-2.5%
1,250	\$149.66	\$70.03	\$79.63	\$145.88	\$70.03	\$75.85	(\$3.78)	-2.5%
1,500	\$178.40	\$84.03	\$94.37	\$173.87	\$84.03	\$89.84	(\$4.53)	-2.5%
2,000	\$235.93	\$112.04	\$123.89	\$229.89	\$112.04	\$117.85	(\$6.04)	-2.6%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$5.81		\$5.81
Distribution Charge	KWh x	\$0.02398		\$0.02398
May Cable Facilities Surcharge	KWh x	\$0.01544		\$0.01544
Transition Charge	KWh x	\$0.01002		\$0.01002
Transmission Charge	KWh x	\$0.00660		\$0.00660
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on R-1 Rate Standard Offer Customers (with Interruptible Credit #1)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
250	\$29.10	\$14.01	\$15.09	\$28.34	\$14.01	\$14.33	(\$0.76)	-2.6%
500	\$57.84	\$28.01	\$29.83	\$56.33	\$28.01	\$28.32	(\$1.51)	-2.6%
750	\$86.63	\$42.02	\$44.61	\$84.36	\$42.02	\$42.34	(\$2.27)	-2.6%
1,000	\$115.37	\$56.02	\$59.35	\$112.35	\$56.02	\$56.33	(\$3.02)	-2.6%
1,250	\$144.16	\$70.03	\$74.13	\$140.38	\$70.03	\$70.35	(\$3.78)	-2.6%
1,500	\$172.90	\$84.03	\$88.87	\$168.37	\$84.03	\$84.34	(\$4.53)	-2.6%
2,000	\$230.43	\$112.04	\$118.39	\$224.39	\$112.04	\$112.35	(\$6.04)	-2.6%
2,500	\$287.96	\$140.05	\$147.91	\$280.41	\$140.05	\$140.36	(\$7.55)	-2.6%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$5.81		\$5.81
Distribution Charge	KWh x	\$0.02398		\$0.02398
May Cable Facilities Surcharge	KWh x	\$0.01544		\$0.01544
Transition Charge	KWh x	\$0.01002		\$0.01002
Transmission Charge	KWh x	\$0.00660		\$0.00660
Interruptible Credit #1		(\$5.50)		(\$5.50)
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Standard Offer Customers (with Interruptible Credit #2)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
250	\$27.10	\$14.01	\$13.09	\$26.34	\$14.01	\$12.33	(\$0.76)	-2.8%
500	\$55.84	\$28.01	\$27.83	\$54.33	\$28.01	\$26.32	(\$1.51)	-2.7%
750	\$84.63	\$42.02	\$42.61	\$82.36	\$42.02	\$40.34	(\$2.27)	-2.7%
1,000	\$113.37	\$56.02	\$57.35	\$110.35	\$56.02	\$54.33	(\$3.02)	-2.7%
1,250	\$142.16	\$70.03	\$72.13	\$138.38	\$70.03	\$68.35	(\$3.78)	-2.7%
1,500	\$170.90	\$84.03	\$86.87	\$166.37	\$84.03	\$82.34	(\$4.53)	-2.7%
2,000	\$228.43	\$112.04	\$116.39	\$222.39	\$112.04	\$110.35	(\$6.04)	-2.6%
2,500	\$285.96	\$140.05	\$145.91	\$278.41	\$140.05	\$138.36	(\$7.55)	-2.6%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$5.81		\$5.81
Distribution Charge	KWh x	\$0.02398		\$0.02398
May Cable Facilities Surcharge	KWh x	\$0.01544		\$0.01544
Transition Charge	KWh x	\$0.01002		\$0.01002
Transmission Charge	KWh x	\$0.00660		\$0.00660
Interruptible Credit #2		(\$7.50)		(\$7.50)
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Standard Offer Customers

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
50	\$8.51	\$2.80	\$5.71	\$8.36	\$2.80	\$5.56	(\$0.15)	-1.8%
100	\$13.22	\$5.60	\$7.62	\$12.92	\$5.60	\$7.32	(\$0.30)	-2.3%
150	\$17.96	\$8.40	\$9.56	\$17.51	\$8.40	\$9.11	(\$0.45)	-2.5%
250	\$27.42	\$14.01	\$13.41	\$26.66	\$14.01	\$12.65	(\$0.76)	-2.8%
300	\$32.13	\$16.81	\$15.32	\$31.22	\$16.81	\$14.41	(\$0.91)	-2.8%
500	\$51.05	\$28.01	\$23.04	\$49.54	\$28.01	\$21.53	(\$1.51)	-3.0%
600	\$60.49	\$33.61	\$26.88	\$58.68	\$33.61	\$25.07	(\$1.81)	-3.0%
750	\$74.68	\$42.02	\$32.66	\$72.41	\$42.02	\$30.39	(\$2.27)	-3.0%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$3.77		\$3.77
Distribution Charge	KWh x	\$0.00359		\$0.00359
May Cable Facilities Surcharge	KWh x	\$0.01481		\$0.01481
Transition Charge	KWh x	\$0.01051		\$0.01051
Transmission Charge	KWh x	\$0.00660		\$0.00660
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)
<u>Supplier Services</u>				
Standard Service Charge	KWh x	\$0.05602		\$0.05602

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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on R-2 Rate Standard Offer Customers
With Interruptible Credit #1

/----- (1) -----/			/----- (2) -----/			(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
300	\$26.63	\$16.81	\$9.82	\$25.72	\$16.81	\$8.91	(\$0.91)	-3.4%
500	\$45.55	\$28.01	\$17.54	\$44.04	\$28.01	\$16.03	(\$1.51)	-3.3%
600	\$54.99	\$33.61	\$21.38	\$53.18	\$33.61	\$19.57	(\$1.81)	-3.3%
750	\$69.18	\$42.02	\$27.16	\$66.91	\$42.02	\$24.89	(\$2.27)	-3.3%
900	\$83.35	\$50.42	\$32.93	\$80.63	\$50.42	\$30.21	(\$2.72)	-3.3%
1,000	\$92.80	\$56.02	\$36.78	\$89.78	\$56.02	\$33.76	(\$3.02)	-3.3%
1,500	\$140.08	\$84.03	\$56.05	\$135.55	\$84.03	\$51.52	(\$4.53)	-3.2%
1,750	\$163.71	\$98.04	\$65.67	\$158.42	\$98.04	\$60.38	(\$5.29)	-3.2%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$3.77		\$3.77
Distribution Charge	KWh x	\$0.00359		\$0.00359
May Cable Facilities Surcharge	KWh x	\$0.01481		\$0.01481
Transition Charge	KWh x	\$0.01051		\$0.01051
Transmission Charge	KWh x	\$0.00660		\$0.00660
Interruptible Credit #1		(\$5.50)		(\$5.50)
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602		\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Standard Offer Customers
With Interruptible Credit #2

/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly KWh	Present Rates		Proposed Rates		Retail Delivery	Overall Increase (Decrease)	
	Total	Standard Service	Total	Standard Service		Amount	%
300	\$24.63	\$16.81	\$23.72	\$16.81	\$6.91	(\$0.91)	-3.7%
500	\$43.55	\$28.01	\$42.04	\$28.01	\$14.03	(\$1.51)	-3.5%
600	\$52.99	\$33.61	\$51.18	\$33.61	\$17.57	(\$1.81)	-3.4%
750	\$67.18	\$42.02	\$64.91	\$42.02	\$22.89	(\$2.27)	-3.4%
900	\$81.35	\$50.42	\$78.63	\$50.42	\$28.21	(\$2.72)	-3.3%
1,000	\$90.80	\$56.02	\$87.78	\$56.02	\$31.76	(\$3.02)	-3.3%
1,500	\$138.08	\$84.03	\$133.55	\$84.03	\$49.52	(\$4.53)	-3.3%
1,750	\$161.71	\$98.04	\$156.42	\$98.04	\$58.38	(\$5.29)	-3.3%

<u>Present Rates</u>			<u>Proposed Rates</u>
Customer Charge		\$3.77	\$3.77
Distribution Charge	KWh x	\$0.00359	\$0.00359
May Cable Facilities Surcharge	KWh x	\$0.01481	\$0.01481
Transition Charge	KWh x	\$0.01051	\$0.01051
Transmission Charge	KWh x	\$0.00660	\$0.00660
Interruptible Credit #2		(\$7.50)	(\$7.50)
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Impact on E Rate Standard Offer Customers

/----- (1) -----/				/----- (2) -----/			(1) vs (2)	
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
125	\$19.34	\$7.00	\$12.34	\$18.96	\$7.00	\$11.96	(\$0.38)	-2.0%
250	\$32.90	\$14.01	\$18.89	\$32.14	\$14.01	\$18.13	(\$0.76)	-2.3%
500	\$59.93	\$28.01	\$31.92	\$58.42	\$28.01	\$30.41	(\$1.51)	-2.5%
750	\$87.02	\$42.02	\$45.00	\$84.75	\$42.02	\$42.73	(\$2.27)	-2.6%
1,000	\$114.05	\$56.02	\$58.03	\$111.03	\$56.02	\$55.01	(\$3.02)	-2.6%
1,250	\$141.14	\$70.03	\$71.11	\$137.36	\$70.03	\$67.33	(\$3.78)	-2.7%
1,500	\$168.17	\$84.03	\$84.14	\$163.64	\$84.03	\$79.61	(\$4.53)	-2.7%
2,000	\$222.29	\$112.04	\$110.25	\$216.25	\$112.04	\$104.21	(\$6.04)	-2.7%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$5.81		\$5.81
Distribution Charge	KWh x	\$0.02398		\$0.02398
May Cable Facilities Surcharge	KWh x	\$0.00862		\$0.00862
Transition Charge	KWh x	\$0.01002		\$0.01002
Transmission Charge	KWh x	\$0.00660		\$0.00660
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-1 Rate Standard Offer Customers

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Standard Service	Retail Delivery	Total	Proposed Rates Standard Service	Retail Delivery	Overall Increase (Decrease) Amount	%
50	\$15.20	\$2.80	\$12.40	\$15.05	\$2.80	\$12.25	(\$0.15)	-1.0%
100	\$22.07	\$5.60	\$16.47	\$21.77	\$5.60	\$16.17	(\$0.30)	-1.4%
250	\$42.70	\$14.01	\$28.69	\$41.94	\$14.01	\$27.93	(\$0.76)	-1.8%
500	\$77.05	\$28.01	\$49.04	\$75.54	\$28.01	\$47.53	(\$1.51)	-2.0%
1,000	\$145.76	\$56.02	\$89.74	\$142.74	\$56.02	\$86.72	(\$3.02)	-2.1%
2,500	\$351.93	\$140.05	\$211.88	\$344.38	\$140.05	\$204.33	(\$7.55)	-2.1%
5,000	\$695.52	\$280.10	\$415.42	\$680.42	\$280.10	\$400.32	(\$15.10)	-2.2%
7,500	\$1,039.13	\$420.15	\$618.98	\$1,016.48	\$420.15	\$596.33	(\$22.65)	-2.2%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$8.32		\$8.32
Distribution Charge	KWh x	\$0.03739		\$0.03739
Transition Charge	KWh x	\$0.00972		\$0.00972
May Cable Facilities Surcharge	KWh x	\$0.02446		\$0.02446
Transmission Charge	KWh x	\$0.00685		\$0.00685
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Standard Offer Customers

Hours Use: 200

		/----- (1) -----/			-----/ (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	3,000	\$426.47	\$168.06	\$258.41	\$417.41	\$168.06	\$249.35	(\$9.06)	-2.1%
20	4,000	\$563.55	\$224.08	\$339.47	\$551.47	\$224.08	\$327.39	(\$12.08)	-2.1%
40	8,000	\$1,111.87	\$448.16	\$663.71	\$1,087.71	\$448.16	\$639.55	(\$24.16)	-2.2%
75	15,000	\$2,071.43	\$840.30	\$1,231.13	\$2,026.13	\$840.30	\$1,185.83	(\$45.30)	-2.2%
150	30,000	\$4,127.63	\$1,680.60	\$2,447.03	\$4,037.03	\$1,680.60	\$2,356.43	(\$90.60)	-2.2%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
May Cable Facilities Surcharge	KWh x	\$0.02956	\$0.02956
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Standard Offer Customers

Hours Use: 250

			/----- (1) -----/ /----- (2) -----/ (1) vs (2)							
Monthly Power		KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW			Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15		3,750	\$503.43	\$210.08	\$293.35	\$492.10	\$210.08	\$282.02	(\$11.33)	-2.3%
20		5,000	\$666.13	\$280.10	\$386.03	\$651.03	\$280.10	\$370.93	(\$15.10)	-2.3%
40		10,000	\$1,317.03	\$560.20	\$756.83	\$1,286.83	\$560.20	\$726.63	(\$30.20)	-2.3%
75		18,750	\$2,456.13	\$1,050.38	\$1,405.75	\$2,399.50	\$1,050.38	\$1,349.12	(\$56.63)	-2.3%
150		37,500	\$4,896.98	\$2,100.75	\$2,796.23	\$4,783.73	\$2,100.75	\$2,682.98	(\$113.25)	-2.3%

			<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge			\$15.23	\$15.23
Distribution Demand Charge	KW x		\$5.92	\$5.92
Transition Demand Charge	KW x		\$0.98	\$0.98
Distribution Charge	KWh x		\$0.00034	\$0.00034
May Cable Facilities Surcharge	KWh x		\$0.02956	\$0.02956
Transition Charge	KWh x		\$0.00734	\$0.00734
Transmission Charge	KWh x		\$0.00632	\$0.00632
DSM Charge	KWh x		\$0.00250	\$0.00250
Renewables Charge	KWh x		\$0.00050	\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Standard Offer Customers

Hours Use: 300

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	4,500	\$580.34	\$252.09	\$328.25	\$566.75	\$252.09	\$314.66	(\$13.59)	-2.3%
20	6,000	\$768.71	\$336.12	\$432.59	\$750.59	\$336.12	\$414.47	(\$18.12)	-2.4%
40	12,000	\$1,522.19	\$672.24	\$849.95	\$1,485.95	\$672.24	\$813.71	(\$36.24)	-2.4%
75	22,500	\$2,840.78	\$1,260.45	\$1,580.33	\$2,772.83	\$1,260.45	\$1,512.38	(\$67.95)	-2.4%
150	45,000	\$5,666.33	\$2,520.90	\$3,145.43	\$5,530.43	\$2,520.90	\$3,009.53	(\$135.90)	-2.4%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$15.23			\$15.23
Distribution Demand Charge	KW x	\$5.92			\$5.92
Transition Demand Charge	KW x	\$0.98			\$0.98
Distribution Charge	KWh x	\$0.00034			\$0.00034
May Cable Facilities Surcharge	KWh x	\$0.02956			\$0.02956
Transition Charge	KWh x	\$0.00734			\$0.00734
Transmission Charge	KWh x	\$0.00632			\$0.00632
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602			\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on G-2 Rate Standard Offer Customers

Hours Use: 350

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	5,250	\$657.30	\$294.11	\$363.19	\$641.44	\$294.11	\$347.33	(\$15.86)	-2.4%
20	7,000	\$871.29	\$392.14	\$479.15	\$850.15	\$392.14	\$458.01	(\$21.14)	-2.4%
40	14,000	\$1,727.35	\$784.28	\$943.07	\$1,685.07	\$784.28	\$900.79	(\$42.28)	-2.4%
75	26,250	\$3,225.48	\$1,470.53	\$1,754.95	\$3,146.20	\$1,470.53	\$1,675.67	(\$79.28)	-2.5%
150	52,500	\$6,435.68	\$2,941.05	\$3,494.63	\$6,277.13	\$2,941.05	\$3,336.08	(\$158.55)	-2.5%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$15.23		\$15.23
Distribution Demand Charge	KW x	\$5.92		\$5.92
Transition Demand Charge	KW x	\$0.98		\$0.98
Distribution Charge	KWh x	\$0.00034		\$0.00034
May Cable Facilities Surcharge	KWh x	\$0.02956		\$0.02956
Transition Charge	KWh x	\$0.00734		\$0.00734
Transmission Charge	KWh x	\$0.00632		\$0.00632
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Standard Offer Customers

Hours Use: 400

		/----- (1) -----/			/----- (2) -----/			/----- (1) vs (2) -----/	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	6,000	\$734.21	\$336.12	\$398.09	\$716.09	\$336.12	\$379.97	(\$18.12)	-2.5%
20	8,000	\$973.87	\$448.16	\$525.71	\$949.71	\$448.16	\$501.55	(\$24.16)	-2.5%
40	16,000	\$1,932.51	\$896.32	\$1,036.19	\$1,884.19	\$896.32	\$987.87	(\$48.32)	-2.5%
75	30,000	\$3,610.13	\$1,680.60	\$1,929.53	\$3,519.53	\$1,680.60	\$1,838.93	(\$90.60)	-2.5%
150	60,000	\$7,205.03	\$3,361.20	\$3,843.83	\$7,023.83	\$3,361.20	\$3,662.63	(\$181.20)	-2.5%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$15.23		\$15.23
Distribution Demand Charge	KW x	\$5.92		\$5.92
Transition Demand Charge	KW x	\$0.98		\$0.98
Distribution Charge	KWh x	\$0.00034		\$0.00034
May Cable Facilities Surcharge	KWh x	\$0.02956		\$0.02956
Transition Charge	KWh x	\$0.00734		\$0.00734
Transmission Charge	KWh x	\$0.00632		\$0.00632
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602		\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Standard Offer Customers

Hours Use: 450

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
15	6,750	\$811.17	\$378.14	\$433.03	\$790.78	\$378.14	\$412.64	(\$20.39)	-2.5%
20	9,000	\$1,076.45	\$504.18	\$572.27	\$1,049.27	\$504.18	\$545.09	(\$27.18)	-2.5%
40	18,000	\$2,137.67	\$1,008.36	\$1,129.31	\$2,083.31	\$1,008.36	\$1,074.95	(\$54.36)	-2.5%
75	33,750	\$3,994.83	\$1,890.68	\$2,104.15	\$3,892.90	\$1,890.68	\$2,002.22	(\$101.93)	-2.6%
150	67,500	\$7,974.38	\$3,781.35	\$4,193.03	\$7,770.53	\$3,781.35	\$3,989.18	(\$203.85)	-2.6%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$15.23		\$15.23
Distribution Demand Charge	KW x	\$5.92		\$5.92
Transition Demand Charge	KW x	\$0.98		\$0.98
Distribution Charge	KWh x	\$0.00034		\$0.00034
May Cable Facilities Surcharge	KWh x	\$0.02956		\$0.02956
Transition Charge	KWh x	\$0.00734		\$0.00734
Transmission Charge	KWh x	\$0.00632		\$0.00632
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602		\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Standard Offer Customers

Hours Use: 250

KWh Split: On-Peak 55%
Off-Peak 45%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	150,000	\$17,663.70	\$8,403.00	\$9,260.70	\$17,210.70	\$8,403.00	\$8,807.70	(\$453.00)	-2.6%
800	200,000	\$23,529.17	\$11,204.00	\$12,325.17	\$22,925.17	\$11,204.00	\$11,721.17	(\$604.00)	-2.6%
1,000	250,000	\$29,394.65	\$14,005.00	\$15,389.65	\$28,639.65	\$14,005.00	\$14,634.65	(\$755.00)	-2.6%
1,500	375,000	\$44,058.33	\$21,007.50	\$23,050.83	\$42,925.83	\$21,007.50	\$21,918.33	(\$1,132.50)	-2.6%
3,000	750,000	\$88,049.40	\$42,015.00	\$46,034.40	\$85,784.40	\$42,015.00	\$43,769.40	(\$2,265.00)	-2.6%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on G-3 Rate Standard Offer Customers

Hours Use: 300

KWh Split: On-Peak 50%
Off-Peak 50%

		/----- (1) -----/			/----- (2) -----/			/----- (1) vs (2) -----/	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	180,000	\$20,453.17	\$10,083.60	\$10,369.57	\$19,909.57	\$10,083.60	\$9,825.97	(\$543.60)	-2.7%
800	240,000	\$27,248.47	\$13,444.80	\$13,803.67	\$26,523.67	\$13,444.80	\$13,078.87	(\$724.80)	-2.7%
1,000	300,000	\$34,043.77	\$16,806.00	\$17,237.77	\$33,137.77	\$16,806.00	\$16,331.77	(\$906.00)	-2.7%
1,500	450,000	\$51,032.02	\$25,209.00	\$25,823.02	\$49,673.02	\$25,209.00	\$24,464.02	(\$1,359.00)	-2.7%
3,000	900,000	\$101,996.77	\$50,418.00	\$51,578.77	\$99,278.77	\$50,418.00	\$48,860.77	(\$2,718.00)	-2.7%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Standard Offer Customers

Hours Use: 350

KWh Split: On-Peak 50%
Off-Peak 50%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	210,000	\$23,322.82	\$11,764.20	\$11,558.62	\$22,688.62	\$11,764.20	\$10,924.42	(\$634.20)	-2.7%
800	280,000	\$31,074.67	\$15,685.60	\$15,389.07	\$30,229.07	\$15,685.60	\$14,543.47	(\$845.60)	-2.7%
1,000	350,000	\$38,826.52	\$19,607.00	\$19,219.52	\$37,769.52	\$19,607.00	\$18,162.52	(\$1,057.00)	-2.7%
1,500	525,000	\$58,206.15	\$29,410.50	\$28,795.65	\$56,620.65	\$29,410.50	\$27,210.15	(\$1,585.50)	-2.7%
3,000	1,050,000	\$116,345.02	\$58,821.00	\$57,524.02	\$113,174.02	\$58,821.00	\$54,353.02	(\$3,171.00)	-2.7%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Standard Offer Customers

Hours Use: 400

KWh Split: On-Peak 45%
Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	240,000	\$26,064.19	\$13,444.80	\$12,619.39	\$25,339.39	\$13,444.80	\$11,894.59	(\$724.80)	-2.8%
800	320,000	\$34,729.83	\$17,926.40	\$16,803.43	\$33,763.43	\$17,926.40	\$15,837.03	(\$966.40)	-2.8%
1,000	400,000	\$43,395.47	\$22,408.00	\$20,987.47	\$42,187.47	\$22,408.00	\$19,779.47	(\$1,208.00)	-2.8%
1,500	600,000	\$65,059.57	\$33,612.00	\$31,447.57	\$63,247.57	\$33,612.00	\$29,635.57	(\$1,812.00)	-2.8%
3,000	1,200,000	\$130,051.87	\$67,224.00	\$62,827.87	\$126,427.87	\$67,224.00	\$59,203.87	(\$3,624.00)	-2.8%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on G-3 Rate Standard Offer Customers

Hours Use: 450

KWh Split: On-Peak 45%
Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			-----/ (1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	270,000	\$28,917.81	\$15,125.40	\$13,792.41	\$28,102.41	\$15,125.40	\$12,977.01	(\$815.40)	-2.8%
800	360,000	\$38,534.65	\$20,167.20	\$18,367.45	\$37,447.45	\$20,167.20	\$17,280.25	(\$1,087.20)	-2.8%
1,000	450,000	\$48,151.50	\$25,209.00	\$22,942.50	\$46,792.50	\$25,209.00	\$21,583.50	(\$1,359.00)	-2.8%
1,500	675,000	\$72,193.61	\$37,813.50	\$34,380.11	\$70,155.11	\$37,813.50	\$32,341.61	(\$2,038.50)	-2.8%
3,000	1,350,000	\$144,319.95	\$75,627.00	\$68,692.95	\$140,242.95	\$75,627.00	\$64,615.95	(\$4,077.00)	-2.8%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on G-3 Rate Standard Offer Customers

Hours Use: 500

KWh Split: On-Peak 45%
Off-Peak 55%

		/----- (1) -----/ /----- (2) -----/ (1) vs (2)							
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Standard Service	Retail Delivery	Total	Standard Service	Retail Delivery	Amount	%
600	300,000	\$31,771.42	\$16,806.00	\$14,965.42	\$30,865.42	\$16,806.00	\$14,059.42	(\$906.00)	-2.9%
800	400,000	\$42,339.47	\$22,408.00	\$19,931.47	\$41,131.47	\$22,408.00	\$18,723.47	(\$1,208.00)	-2.9%
1,000	500,000	\$52,907.52	\$28,010.00	\$24,897.52	\$51,397.52	\$28,010.00	\$23,387.52	(\$1,510.00)	-2.9%
1,500	750,000	\$79,327.65	\$42,015.00	\$37,312.65	\$77,062.65	\$42,015.00	\$35,047.65	(\$2,265.00)	-2.9%
3,000	1,500,000	\$158,588.02	\$84,030.00	\$74,558.02	\$154,058.02	\$84,030.00	\$70,028.02	(\$4,530.00)	-2.9%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Standard Service Charge	KWh x	\$0.05602	\$0.05602
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Massachusetts Electric Company
Nantucket Electric Company
Docket D.T.E. 03-20
Responses to Departments Second Set of Information Requests

Attachment 4

Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Default Service Customers

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
125	\$22.40	\$9.21	\$13.19	\$22.02	\$9.21	\$12.81	(\$0.38)	-1.7%
250	\$39.00	\$18.41	\$20.59	\$38.24	\$18.41	\$19.83	(\$0.76)	-1.9%
500	\$72.16	\$36.83	\$35.33	\$70.65	\$36.83	\$33.82	(\$1.51)	-2.1%
750	\$105.35	\$55.24	\$50.11	\$103.08	\$55.24	\$47.84	(\$2.27)	-2.2%
1,000	\$138.50	\$73.65	\$64.85	\$135.48	\$73.65	\$61.83	(\$3.02)	-2.2%
1,250	\$171.69	\$92.06	\$79.63	\$167.91	\$92.06	\$75.85	(\$3.78)	-2.2%
1,500	\$204.85	\$110.48	\$94.37	\$200.32	\$110.48	\$89.84	(\$4.53)	-2.2%
2,000	\$271.19	\$147.30	\$123.89	\$265.15	\$147.30	\$117.85	(\$6.04)	-2.2%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$5.81			\$5.81
Distribution Charge	KWh x	\$0.02398			\$0.02398
May Cable Facilities Surcharge	KWh x	\$0.01544			\$0.01544
Transition Charge	KWh x	\$0.01002			\$0.01002
Transmission Charge	KWh x	\$0.00660			\$0.00660
DSM Charge	KWh x	\$0.00250			\$0.00250
Renewables Charge	KWh x	\$0.00050			\$0.00050
Service Quality Credit	KWh x				(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365	\$0.07365
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Massachusetts Electric Company
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Impact on R-1 Rate Default Service Customers (with Interruptible Credit #1)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
250	\$33.50	\$18.41	\$15.09	\$32.74	\$18.41	\$14.33	(\$0.76)	-2.3%
500	\$66.66	\$36.83	\$29.83	\$65.15	\$36.83	\$28.32	(\$1.51)	-2.3%
750	\$99.85	\$55.24	\$44.61	\$97.58	\$55.24	\$42.34	(\$2.27)	-2.3%
1,000	\$133.00	\$73.65	\$59.35	\$129.98	\$73.65	\$56.33	(\$3.02)	-2.3%
1,250	\$166.19	\$92.06	\$74.13	\$162.41	\$92.06	\$70.35	(\$3.78)	-2.3%
1,500	\$199.35	\$110.48	\$88.87	\$194.82	\$110.48	\$84.34	(\$4.53)	-2.3%
2,000	\$265.69	\$147.30	\$118.39	\$259.65	\$147.30	\$112.35	(\$6.04)	-2.3%
2,500	\$332.04	\$184.13	\$147.91	\$324.49	\$184.13	\$140.36	(\$7.55)	-2.3%

	Present Rates		Proposed Rates	
Customer Charge		\$5.81		\$5.81
Distribution Charge	KWh x	\$0.02398		\$0.02398
May Cable Facilities Surcharge	KWh x	\$0.01544		\$0.01544
Transition Charge	KWh x	\$0.01002		\$0.01002
Transmission Charge	KWh x	\$0.00660		\$0.00660
Interruptible Credit #1		(\$5.50)		(\$5.50)
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365	\$0.07365
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-1 Rate Default Service Customers (with Interruptible Credit #2)

Monthly KWh	(1)			(2)			(1) vs (2)	
	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overall Increase (Decrease) Amount	%
250	\$31.50	\$18.41	\$13.09	\$30.74	\$18.41	\$12.33	(\$0.76)	-2.4%
500	\$64.66	\$36.83	\$27.83	\$63.15	\$36.83	\$26.32	(\$1.51)	-2.3%
750	\$97.85	\$55.24	\$42.61	\$95.58	\$55.24	\$40.34	(\$2.27)	-2.3%
1,000	\$131.00	\$73.65	\$57.35	\$127.98	\$73.65	\$54.33	(\$3.02)	-2.3%
1,250	\$164.19	\$92.06	\$72.13	\$160.41	\$92.06	\$68.35	(\$3.78)	-2.3%
1,500	\$197.35	\$110.48	\$86.87	\$192.82	\$110.48	\$82.34	(\$4.53)	-2.3%
2,000	\$263.69	\$147.30	\$116.39	\$257.65	\$147.30	\$110.35	(\$6.04)	-2.3%
2,500	\$330.04	\$184.13	\$145.91	\$322.49	\$184.13	\$138.36	(\$7.55)	-2.3%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$5.81	\$5.81
Distribution Charge	KWh x	\$0.02398	\$0.02398
May Cable Facilities Surcharge	KWh x	\$0.01544	\$0.01544
Transition Charge	KWh x	\$0.01002	\$0.01002
Transmission Charge	KWh x	\$0.00660	\$0.00660
Interruptible Credit #2		(\$7.50)	(\$7.50)
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365	\$0.07365
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Default Service Customers

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
50	\$9.39	\$3.68	\$5.71	\$9.24	\$3.68	\$5.56	(\$0.15)	-1.6%
100	\$14.99	\$7.37	\$7.62	\$14.69	\$7.37	\$7.32	(\$0.30)	-2.0%
150	\$20.61	\$11.05	\$9.56	\$20.16	\$11.05	\$9.11	(\$0.45)	-2.2%
250	\$31.82	\$18.41	\$13.41	\$31.06	\$18.41	\$12.65	(\$0.76)	-2.4%
300	\$37.42	\$22.10	\$15.32	\$36.51	\$22.10	\$14.41	(\$0.91)	-2.4%
500	\$59.87	\$36.83	\$23.04	\$58.36	\$36.83	\$21.53	(\$1.51)	-2.5%
600	\$71.07	\$44.19	\$26.88	\$69.26	\$44.19	\$25.07	(\$1.81)	-2.5%
750	\$87.90	\$55.24	\$32.66	\$85.63	\$55.24	\$30.39	(\$2.27)	-2.6%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$3.77	\$3.77
Distribution Charge	KWh x	\$0.00359	\$0.00359
May Cable Facilities Surcharge	KWh x	\$0.01481	\$0.01481
Transition Charge	KWh x	\$0.01051	\$0.01051
Transmission Charge	KWh x	\$0.00660	\$0.00660
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)
<u>Supplier Services</u>			
Default Service Charge	KWh x	\$0.07365	\$0.07365

Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Default Service Customers
With Interruptible Credit #1

/----- (1) -----/			/----- (2) -----/			(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
300	\$31.92	\$22.10	\$9.82	\$31.01	\$22.10	\$8.91	(\$0.91)	-2.9%
500	\$54.37	\$36.83	\$17.54	\$52.86	\$36.83	\$16.03	(\$1.51)	-2.8%
600	\$65.57	\$44.19	\$21.38	\$63.76	\$44.19	\$19.57	(\$1.81)	-2.8%
750	\$82.40	\$55.24	\$27.16	\$80.13	\$55.24	\$24.89	(\$2.27)	-2.8%
900	\$99.22	\$66.29	\$32.93	\$96.50	\$66.29	\$30.21	(\$2.72)	-2.7%
1,000	\$110.43	\$73.65	\$36.78	\$107.41	\$73.65	\$33.76	(\$3.02)	-2.7%
1,500	\$166.53	\$110.48	\$56.05	\$162.00	\$110.48	\$51.52	(\$4.53)	-2.7%
1,750	\$194.56	\$128.89	\$65.67	\$189.27	\$128.89	\$60.38	(\$5.29)	-2.7%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$3.77		\$3.77
Distribution Charge	KWh x	\$0.00359		\$0.00359
May Cable Facilities Surcharge	KWh x	\$0.01481		\$0.01481
Transition Charge	KWh x	\$0.01051		\$0.01051
Transmission Charge	KWh x	\$0.00660		\$0.00660
Interruptible Credit #1		(\$5.50)		(\$5.50)
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365		\$0.07365
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on R-2 Rate Default Service Customers
With Interruptible Credit #2

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
300	\$29.92	\$22.10	\$7.82	\$29.01	\$22.10	\$6.91	(\$0.91)	-3.0%
500	\$52.37	\$36.83	\$15.54	\$50.86	\$36.83	\$14.03	(\$1.51)	-2.9%
600	\$63.57	\$44.19	\$19.38	\$61.76	\$44.19	\$17.57	(\$1.81)	-2.8%
750	\$80.40	\$55.24	\$25.16	\$78.13	\$55.24	\$22.89	(\$2.27)	-2.8%
900	\$97.22	\$66.29	\$30.93	\$94.50	\$66.29	\$28.21	(\$2.72)	-2.8%
1,000	\$108.43	\$73.65	\$34.78	\$105.41	\$73.65	\$31.76	(\$3.02)	-2.8%
1,500	\$164.53	\$110.48	\$54.05	\$160.00	\$110.48	\$49.52	(\$4.53)	-2.8%
1,750	\$192.56	\$128.89	\$63.67	\$187.27	\$128.89	\$58.38	(\$5.29)	-2.7%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$3.77	\$3.77
Distribution Charge	KWh x	\$0.00359	\$0.00359
May Cable Facilities Surcharge	KWh x	\$0.01481	\$0.01481
Transition Charge	KWh x	\$0.01051	\$0.01051
Transmission Charge	KWh x	\$0.00660	\$0.00660
Interruptible Credit #2		(\$7.50)	(\$7.50)
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365	\$0.07365
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on E Rate Default Service Customers

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
125	\$21.55	\$9.21	\$12.34	\$21.17	\$9.21	\$11.96	(\$0.38)	-1.8%
250	\$37.30	\$18.41	\$18.89	\$36.54	\$18.41	\$18.13	(\$0.76)	-2.0%
500	\$68.75	\$36.83	\$31.92	\$67.24	\$36.83	\$30.41	(\$1.51)	-2.2%
750	\$100.24	\$55.24	\$45.00	\$97.97	\$55.24	\$42.73	(\$2.27)	-2.3%
1,000	\$131.68	\$73.65	\$58.03	\$128.66	\$73.65	\$55.01	(\$3.02)	-2.3%
1,250	\$163.17	\$92.06	\$71.11	\$159.39	\$92.06	\$67.33	(\$3.78)	-2.3%
1,500	\$194.62	\$110.48	\$84.14	\$190.09	\$110.48	\$79.61	(\$4.53)	-2.3%
2,000	\$257.55	\$147.30	\$110.25	\$251.51	\$147.30	\$104.21	(\$6.04)	-2.3%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$5.81		\$5.81
Distribution Charge	KWh x	\$0.02398		\$0.02398
May Cable Facilities Surcharge	KWh x	\$0.00862		\$0.00862
Transition Charge	KWh x	\$0.01002		\$0.01002
Transmission Charge	KWh x	\$0.00660		\$0.00660
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07365	\$0.07365
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-1 Rate Default Service Customers

		/----- (1) -----/		/----- (2) -----/		(1) vs (2)		
Monthly KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
50	\$16.35	\$3.95	\$12.40	\$16.20	\$3.95	\$12.25	(\$0.15)	-0.9%
100	\$24.38	\$7.91	\$16.47	\$24.08	\$7.91	\$16.17	(\$0.30)	-1.2%
250	\$48.46	\$19.77	\$28.69	\$47.70	\$19.77	\$27.93	(\$0.76)	-1.6%
500	\$88.59	\$39.55	\$49.04	\$87.08	\$39.55	\$47.53	(\$1.51)	-1.7%
1,000	\$168.83	\$79.09	\$89.74	\$165.81	\$79.09	\$86.72	(\$3.02)	-1.8%
2,500	\$409.61	\$197.73	\$211.88	\$402.06	\$197.73	\$204.33	(\$7.55)	-1.8%
5,000	\$810.87	\$395.45	\$415.42	\$795.77	\$395.45	\$400.32	(\$15.10)	-1.9%
7,500	\$1,212.16	\$593.18	\$618.98	\$1,189.51	\$593.18	\$596.33	(\$22.65)	-1.9%

<u>Present Rates</u>			<u>Proposed Rates</u>	
Customer Charge		\$8.32		\$8.32
Distribution Charge	KWh x	\$0.03739		\$0.03739
Transition Charge	KWh x	\$0.00972		\$0.00972
May Cable Facilities Surcharge	KWh x	\$0.02446		\$0.02446
Transmission Charge	KWh x	\$0.00685		\$0.00685
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07909	\$0.07909
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 200

		/----- (1) -----/			----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	3,000	\$483.98	\$225.57	\$258.41	\$474.92	\$225.57	\$249.35	(\$9.06)	-1.9%
20	4,000	\$640.23	\$300.76	\$339.47	\$628.15	\$300.76	\$327.39	(\$12.08)	-1.9%
40	8,000	\$1,265.23	\$601.52	\$663.71	\$1,241.07	\$601.52	\$639.55	(\$24.16)	-1.9%
75	15,000	\$2,358.98	\$1,127.85	\$1,231.13	\$2,313.68	\$1,127.85	\$1,185.83	(\$45.30)	-1.9%
150	30,000	\$4,702.73	\$2,255.70	\$2,447.03	\$4,612.13	\$2,255.70	\$2,356.43	(\$90.60)	-1.9%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.23
Distribution Demand Charge	KW x	\$5.92	\$5.92
Transition Demand Charge	KW x	\$0.98	\$0.98
Distribution Charge	KWh x	\$0.00034	\$0.00034
May Cable Facilities Surcharge	KWh x	\$0.02956	\$0.02956
Transition Charge	KWh x	\$0.00734	\$0.00734
Transmission Charge	KWh x	\$0.00632	\$0.00632
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519	\$0.07519
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on G-2 Rate Default Service Customers

Hours Use: 250

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power	KW KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	3,750	\$575.31	\$281.96	\$293.35	\$563.98	\$281.96	\$282.02	(\$11.33)	-2.0%
20	5,000	\$761.98	\$375.95	\$386.03	\$746.88	\$375.95	\$370.93	(\$15.10)	-2.0%
40	10,000	\$1,508.73	\$751.90	\$756.83	\$1,478.53	\$751.90	\$726.63	(\$30.20)	-2.0%
75	18,750	\$2,815.56	\$1,409.81	\$1,405.75	\$2,758.93	\$1,409.81	\$1,349.12	(\$56.63)	-2.0%
150	37,500	\$5,615.86	\$2,819.63	\$2,796.23	\$5,502.61	\$2,819.63	\$2,682.98	(\$113.25)	-2.0%

		<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge			\$15.23		\$15.23
Distribution Demand Charge	KW x		\$5.92		\$5.92
Transition Demand Charge	KW x		\$0.98		\$0.98
Distribution Charge	KWh x		\$0.00034		\$0.00034
May Cable Facilities Surcharge	KWh x		\$0.02956		\$0.02956
Transition Charge	KWh x		\$0.00734		\$0.00734
Transmission Charge	KWh x		\$0.00632		\$0.00632
DSM Charge	KWh x		\$0.00250		\$0.00250
Renewables Charge	KWh x		\$0.00050		\$0.00050
Service Quality Credit	KWh x				(\$0.00302)
<u>Supplier Services</u>					
Default Service Charge	KWh x		\$0.07519		\$0.07519

Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 300

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	4,500	\$666.61	\$338.36	\$328.25	\$653.02	\$338.36	\$314.66	(\$13.59)	-2.0%
20	6,000	\$883.73	\$451.14	\$432.59	\$865.61	\$451.14	\$414.47	(\$18.12)	-2.1%
40	12,000	\$1,752.23	\$902.28	\$849.95	\$1,715.99	\$902.28	\$813.71	(\$36.24)	-2.1%
75	22,500	\$3,272.11	\$1,691.78	\$1,580.33	\$3,204.16	\$1,691.78	\$1,512.38	(\$67.95)	-2.1%
150	45,000	\$6,528.98	\$3,383.55	\$3,145.43	\$6,393.08	\$3,383.55	\$3,009.53	(\$135.90)	-2.1%

<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge		\$15.23		\$15.23	
Distribution Demand Charge	KW x	\$5.92		\$5.92	
Transition Demand Charge	KW x	\$0.98		\$0.98	
Distribution Charge	KWh x	\$0.00034		\$0.00034	
May Cable Facilities Surcharge	KWh x	\$0.02956		\$0.02956	
Transition Charge	KWh x	\$0.00734		\$0.00734	
Transmission Charge	KWh x	\$0.00632		\$0.00632	
DSM Charge	KWh x	\$0.00250		\$0.00250	
Renewables Charge	KWh x	\$0.00050		\$0.00050	
Service Quality Credit	KWh x			(\$0.00302)	
<u>Supplier Services</u>					
Default Service Charge	KWh x	\$0.07519		\$0.07519	

Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 350

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	5,250	\$757.94	\$394.75	\$363.19	\$742.08	\$394.75	\$347.33	(\$15.86)	-2.1%
20	7,000	\$1,005.48	\$526.33	\$479.15	\$984.34	\$526.33	\$458.01	(\$21.14)	-2.1%
40	14,000	\$1,995.73	\$1,052.66	\$943.07	\$1,953.45	\$1,052.66	\$900.79	(\$42.28)	-2.1%
75	26,250	\$3,728.69	\$1,973.74	\$1,754.95	\$3,649.41	\$1,973.74	\$1,675.67	(\$79.28)	-2.1%
150	52,500	\$7,442.11	\$3,947.48	\$3,494.63	\$7,283.56	\$3,947.48	\$3,336.08	(\$158.55)	-2.1%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$15.23		\$15.23
Distribution Demand Charge	KW x	\$5.92		\$5.92
Transition Demand Charge	KW x	\$0.98		\$0.98
Distribution Charge	KWh x	\$0.00034		\$0.00034
May Cable Facilities Surcharge	KWh x	\$0.02956		\$0.02956
Transition Charge	KWh x	\$0.00734		\$0.00734
Transmission Charge	KWh x	\$0.00632		\$0.00632
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519	\$0.07519
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 400

		/----- (1) -----/			/----- (2) -----/			/----- (1) vs (2) -----/	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	6,000	\$849.23	\$451.14	\$398.09	\$831.11	\$451.14	\$379.97	(\$18.12)	-2.1%
20	8,000	\$1,127.23	\$601.52	\$525.71	\$1,103.07	\$601.52	\$501.55	(\$24.16)	-2.1%
40	16,000	\$2,239.23	\$1,203.04	\$1,036.19	\$2,190.91	\$1,203.04	\$987.87	(\$48.32)	-2.2%
75	30,000	\$4,185.23	\$2,255.70	\$1,929.53	\$4,094.63	\$2,255.70	\$1,838.93	(\$90.60)	-2.2%
150	60,000	\$8,355.23	\$4,511.40	\$3,843.83	\$8,174.03	\$4,511.40	\$3,662.63	(\$181.20)	-2.2%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$15.23		\$15.23
Distribution Demand Charge	KW x	\$5.92		\$5.92
Transition Demand Charge	KW x	\$0.98		\$0.98
Distribution Charge	KWh x	\$0.00034		\$0.00034
May Cable Facilities Surcharge	KWh x	\$0.02956		\$0.02956
Transition Charge	KWh x	\$0.00734		\$0.00734
Transmission Charge	KWh x	\$0.00632		\$0.00632
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519		\$0.07519
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-2 Rate Default Service Customers

Hours Use: 450

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
15	6,750	\$940.56	\$507.53	\$433.03	\$920.17	\$507.53	\$412.64	(\$20.39)	-2.2%
20	9,000	\$1,248.98	\$676.71	\$572.27	\$1,221.80	\$676.71	\$545.09	(\$27.18)	-2.2%
40	18,000	\$2,482.73	\$1,353.42	\$1,129.31	\$2,428.37	\$1,353.42	\$1,074.95	(\$54.36)	-2.2%
75	33,750	\$4,641.81	\$2,537.66	\$2,104.15	\$4,539.88	\$2,537.66	\$2,002.22	(\$101.93)	-2.2%
150	67,500	\$9,268.36	\$5,075.33	\$4,193.03	\$9,064.51	\$5,075.33	\$3,989.18	(\$203.85)	-2.2%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$15.23		\$15.23
Distribution Demand Charge	KW x	\$5.92		\$5.92
Transition Demand Charge	KW x	\$0.98		\$0.98
Distribution Charge	KWh x	\$0.00034		\$0.00034
May Cable Facilities Surcharge	KWh x	\$0.02956		\$0.02956
Transition Charge	KWh x	\$0.00734		\$0.00734
Transmission Charge	KWh x	\$0.00632		\$0.00632
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519	\$0.07519
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 250

KWh Split: On-Peak 55%
Off-Peak 45%

		/----- (1) -----/			/----- (2) -----/			/----- (1) vs (2) -----/	
Monthly Power		Present Rates			Proposed Rates			Overall Increase (Decrease)	
KW	KWh	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	150,000	\$20,539.20	\$11,278.50	\$9,260.70	\$20,086.20	\$11,278.50	\$8,807.70	(\$453.00)	-2.2%
800	200,000	\$27,363.17	\$15,038.00	\$12,325.17	\$26,759.17	\$15,038.00	\$11,721.17	(\$604.00)	-2.2%
1,000	250,000	\$34,187.15	\$18,797.50	\$15,389.65	\$33,432.15	\$18,797.50	\$14,634.65	(\$755.00)	-2.2%
1,500	375,000	\$51,247.08	\$28,196.25	\$23,050.83	\$50,114.58	\$28,196.25	\$21,918.33	(\$1,132.50)	-2.2%
3,000	750,000	\$102,426.90	\$56,392.50	\$46,034.40	\$100,161.90	\$56,392.50	\$43,769.40	(\$2,265.00)	-2.2%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
On Peak Distribution Charge	KWh x	\$0.01017	\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)	(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076	\$0.02076
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519	\$0.07519
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

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Impact on G-3 Rate Default Service Customers

Hours Use: 300

KWh Split: **On-Peak** **50%**
 Off-Peak **50%**

		/----- (1) -----/			/----- (2) -----/			/----- (1) vs (2) -----/	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	180,000	\$23,903.77	\$13,534.20	\$10,369.57	\$23,360.17	\$13,534.20	\$9,825.97	(\$543.60)	-2.3%
800	240,000	\$31,849.27	\$18,045.60	\$13,803.67	\$31,124.47	\$18,045.60	\$13,078.87	(\$724.80)	-2.3%
1,000	300,000	\$39,794.77	\$22,557.00	\$17,237.77	\$38,888.77	\$22,557.00	\$16,331.77	(\$906.00)	-2.3%
1,500	450,000	\$59,658.52	\$33,835.50	\$25,823.02	\$58,299.52	\$33,835.50	\$24,464.02	(\$1,359.00)	-2.3%
3,000	900,000	\$119,249.77	\$67,671.00	\$51,578.77	\$116,531.77	\$67,671.00	\$48,860.77	(\$2,718.00)	-2.3%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519	\$0.07519
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 350

KWh Split: On-Peak 50%
Off-Peak 50%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	210,000	\$27,348.52	\$15,789.90	\$11,558.62	\$26,714.32	\$15,789.90	\$10,924.42	(\$634.20)	-2.3%
800	280,000	\$36,442.27	\$21,053.20	\$15,389.07	\$35,596.67	\$21,053.20	\$14,543.47	(\$845.60)	-2.3%
1,000	350,000	\$45,536.02	\$26,316.50	\$19,219.52	\$44,479.02	\$26,316.50	\$18,162.52	(\$1,057.00)	-2.3%
1,500	525,000	\$68,270.40	\$39,474.75	\$28,795.65	\$66,684.90	\$39,474.75	\$27,210.15	(\$1,585.50)	-2.3%
3,000	1,050,000	\$136,473.52	\$78,949.50	\$57,524.02	\$133,302.52	\$78,949.50	\$54,353.02	(\$3,171.00)	-2.3%

	Present Rates		Proposed Rates	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519	\$0.07519
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 400

KWh Split: On-Peak 45%
Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			(1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	240,000	\$30,664.99	\$18,045.60	\$12,619.39	\$29,940.19	\$18,045.60	\$11,894.59	(\$724.80)	-2.4%
800	320,000	\$40,864.23	\$24,060.80	\$16,803.43	\$39,897.83	\$24,060.80	\$15,837.03	(\$966.40)	-2.4%
1,000	400,000	\$51,063.47	\$30,076.00	\$20,987.47	\$49,855.47	\$30,076.00	\$19,779.47	(\$1,208.00)	-2.4%
1,500	600,000	\$76,561.57	\$45,114.00	\$31,447.57	\$74,749.57	\$45,114.00	\$29,635.57	(\$1,812.00)	-2.4%
3,000	1,200,000	\$153,055.87	\$90,228.00	\$62,827.87	\$149,431.87	\$90,228.00	\$59,203.87	(\$3,624.00)	-2.4%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519	\$0.07519
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Date: 29-Apr-03
Time: 12:42 PM

Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Massachusetts Electric Company
Nantucket Electric Company
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Impact on G-3 Rate Default Service Customers

Hours Use: 450

KWh Split: On-Peak 45%
Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			-----/ (1) vs (2)	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	270,000	\$34,093.71	\$20,301.30	\$13,792.41	\$33,278.31	\$20,301.30	\$12,977.01	(\$815.40)	-2.4%
800	360,000	\$45,435.85	\$27,068.40	\$18,367.45	\$44,348.65	\$27,068.40	\$17,280.25	(\$1,087.20)	-2.4%
1,000	450,000	\$56,778.00	\$33,835.50	\$22,942.50	\$55,419.00	\$33,835.50	\$21,583.50	(\$1,359.00)	-2.4%
1,500	675,000	\$85,133.36	\$50,753.25	\$34,380.11	\$83,094.86	\$50,753.25	\$32,341.61	(\$2,038.50)	-2.4%
3,000	1,350,000	\$170,199.45	\$101,506.50	\$68,692.95	\$166,122.45	\$101,506.50	\$64,615.95	(\$4,077.00)	-2.4%

	<u>Present Rates</u>		<u>Proposed Rates</u>	
Customer Charge		\$67.27		\$67.27
Distribution Demand Charge	KW x	\$3.63		\$3.63
Transition Demand Charge	KW x	\$1.65		\$1.65
On Peak Distribution Charge	KWh x	\$0.01017		\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)		(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076		\$0.02076
Transition Charge	KWh x	\$0.00567		\$0.00567
Transmission Charge	KWh x	\$0.00538		\$0.00538
DSM Charge	KWh x	\$0.00250		\$0.00250
Renewables Charge	KWh x	\$0.00050		\$0.00050
Service Quality Credit	KWh x			(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519	\$0.07519
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Nantucket Electric Company
Proposed May 2003 Service Quality Credit
Calculation of Monthly Typical Bill

Impact on G-3 Rate Default Service Customers

Hours Use: 500

KWh Split: On-Peak 45%
Off-Peak 55%

		/----- (1) -----/			/----- (2) -----/			/----- (1) vs (2) -----/	
Monthly Power KW	KWh	Present Rates			Proposed Rates			Overall Increase (Decrease)	
		Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
600	300,000	\$37,522.42	\$22,557.00	\$14,965.42	\$36,616.42	\$22,557.00	\$14,059.42	(\$906.00)	-2.4%
800	400,000	\$50,007.47	\$30,076.00	\$19,931.47	\$48,799.47	\$30,076.00	\$18,723.47	(\$1,208.00)	-2.4%
1,000	500,000	\$62,492.52	\$37,595.00	\$24,897.52	\$60,982.52	\$37,595.00	\$23,387.52	(\$1,510.00)	-2.4%
1,500	750,000	\$93,705.15	\$56,392.50	\$37,312.65	\$91,440.15	\$56,392.50	\$35,047.65	(\$2,265.00)	-2.4%
3,000	1,500,000	\$187,343.02	\$112,785.00	\$74,558.02	\$182,813.02	\$112,785.00	\$70,028.02	(\$4,530.00)	-2.4%

		<u>Present Rates</u>	<u>Proposed Rates</u>
Customer Charge		\$67.27	\$67.27
Distribution Demand Charge	KW x	\$3.63	\$3.63
Transition Demand Charge	KW x	\$1.65	\$1.65
On Peak Distribution Charge	KWh x	\$0.01017	\$0.01017
Off Peak Distribution Chare	KWh x	(\$0.00052)	(\$0.00052)
May Cable Facilities Surcharge	KWh x	\$0.02076	\$0.02076
Transition Charge	KWh x	\$0.00567	\$0.00567
Transmission Charge	KWh x	\$0.00538	\$0.00538
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Service Quality Credit	KWh x		(\$0.00302)

Supplier Services

Default Service Charge	KWh x	\$0.07519	\$0.07519
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DTE 2-3

Request:

Refer to the Supplement, Att. 4. Please provide a complete billing impact of May 2003 for average consumption of customers in each rate class.

Response:

Please refer to the attachment to this response for the average, or typical, bill impacts associated with the proposed Service Quality Credit. These bill impacts are provided for typical residential (Rate R-1), small commercial & industrial (Rate G-1), medium commercial & industrial (Rate G-2), and large commercial & industrial (Rate G-3) customers based on billing determinants commonly used by the Company as reflecting an average customer served under each of the groups presented.

The Company has provided both standard offer and default service impacts, and as in the response to DTE 2-2, has assumed the rate changes for standard offer and default service have been implemented in order to isolate the impact related to the proposed Service Quality Credit.

The default service rates reflected in this analysis identify the customary default service rate for the particular rate class, as defined by the Default Service Working Group Report approved by the Department in docket D.T.E. 99-60.

Prepared by or under the supervision of: T.M. Burns

Massachusetts Electric Company
Typical Bill Impact from Proposed Service Quality Credit

		500	kWh	Percent of Total		
Standard Offer Customer - Residential						
	<u>05/03 w/o SQ Credit</u>		<u>05/03 w/SQ Credit</u>	<u>Increase</u>	<u>Bill</u>	
Customer Charge	\$5.81	\$5.81	\$5.81	\$5.81		
Distribution Energy Charge	\$0.02398	\$11.99	\$0.02398	\$11.99		
Transmission Energy Charge	\$0.00660	\$3.30	\$0.00660	\$3.30		
Transition Energy Charge	\$0.01002	\$5.01	\$0.01002	\$5.01		
DSM	\$0.00250	\$1.25	\$0.00250	\$1.25		
Renewables	\$0.00050	<u>\$0.25</u>	\$0.00050	\$0.25		
Service Quality Credit			(\$0.00302)	<u>(\$1.51)</u>		
Subtotal		\$27.61		\$26.10	(\$1.51)	-2.71%
Standard Offer	\$0.05602	<u>\$28.01</u>	\$0.05602	<u>\$28.01</u>	\$0.00	0.00%
Total		\$55.62		\$54.11	(\$1.51)	-2.71%
Default Service Customer-Residential						
	<u>05/03 w/o SQ Credit</u>		<u>05/03 w/SQ Credit</u>			
Customer Charge	\$5.81	\$5.81	\$5.81	\$5.81		
Distribution Energy Charge	\$0.02398	\$11.99	\$0.02398	\$11.99		
Transmission Energy Charge	\$0.00660	\$3.30	\$0.00660	\$3.30		
Transition Energy Charge	\$0.01002	\$5.01	\$0.01002	\$5.01		
DSM	\$0.00250	\$1.25	\$0.00250	\$1.25		
Renewables	\$0.00050	<u>\$0.25</u>	\$0.00050	\$0.25		
Service Quality Credit			(\$0.00302)	<u>(\$1.51)</u>		
Subtotal		\$27.61		\$26.10	(\$1.51)	-2.34%
Default Service	\$0.07365	<u>\$36.83</u>	\$0.07365	<u>\$36.83</u>	\$0.00	0.00%
Total		\$64.44		\$62.93	(\$1.51)	-2.34%

		1,500	kWh				Percent of Total
Standard Offer Customer - Small C&I							Bill
	05/03 w/o SQ Credit		05/03 w/SQ Credit	Increase			
Customer Charge	\$8.32	\$8.32	\$8.32	\$8.32			
Distribution Energy Charge	\$0.03739	\$56.09	\$0.03739	\$56.09			
Transmission Energy Charge	\$0.00685	\$10.28	\$0.00685	\$10.28			
Transition Energy Charge	\$0.00972	\$14.58	\$0.00972	\$14.58			
DSM	\$0.00250	\$3.75	\$0.00250	\$3.75			
Renewables	\$0.00050	<u>\$0.75</u>	\$0.00050	\$0.75			
Service Quality Credit			(\$0.00302)	<u>(\$4.53)</u>			
Subtotal		\$93.77		\$89.24	(\$4.53)	-2.55%	
Standard Offer	\$0.05602	<u>\$84.03</u>	\$0.05602	<u>\$84.03</u>	\$0.00	0.00%	
Total		\$177.80		\$173.27	(\$4.53)	-2.55%	
Default Service Customer-Small C&I							
	05/03 w/o SQ Credit		05/03 w/SQ Credit				
Customer Charge	\$8.32	\$8.32	\$8.32	\$8.32			
Distribution Energy Charge	\$0.03739	\$56.09	\$0.03739	\$56.09			
Transmission Energy Charge	\$0.00685	\$10.28	\$0.00685	\$10.28			
Transition Energy Charge	\$0.00972	\$14.58	\$0.00972	\$14.58			
DSM	\$0.00250	\$3.75	\$0.00250	\$3.75			
Renewables	\$0.00050	<u>\$0.75</u>	\$0.00050	\$0.75			
Service Quality Credit			(\$0.00302)	<u>(\$4.53)</u>			
Subtotal		\$93.77		\$89.24	(\$4.53)	-2.13%	
Default Service	\$0.07909	<u>\$118.64</u>	\$0.07909	<u>\$118.64</u>	\$0.00	0.00%	
Total		\$212.41		\$207.88	(\$4.53)	-2.13%	

		50 20,000	KW kWh	Percent of Total		
Standard Offer Customer - Medium C&I						
	05/03 w/o SQ Credit		05/03 w/SQ Credit	Increase	Bill	
Customer Charge	\$15.23	\$15.23	\$15.23	\$15.23		
Distribution Demand Charge	\$5.92	\$296.00	\$5.92	\$296.00		
Distribution Energy Charge	\$0.00034	\$6.80	\$0.00034	\$6.80		
Transmission Energy Charge	\$0.00632	\$126.40	\$0.00632	\$126.40		
Transition Demand Charge	\$0.98	\$49.00	\$0.98	\$49.00		
Transition Energy Charge	\$0.00734	\$146.80	\$0.00734	\$146.80		
DSM	\$0.00250	\$50.00	\$0.00250	\$50.00		
Renewables	\$0.00050	<u>\$10.00</u>	\$0.00050	\$10.00		
Service Quality Credit			(\$0.00302)	<u>(\$60.40)</u>		
Subtotal		\$700.23		\$639.83	(\$60.40)	-3.32%
Standard Offer	\$0.05602	<u>\$1,120.40</u>	\$0.05602	<u>\$1,120.40</u>	\$0.00	0.00%
Total		\$1,820.63		\$1,760.23	(\$60.40)	-3.32%
Default Service Customer-Medium C&I SEMA						
	05/03 w/o SQ Credit		05/03 w/SQ Credit			
Customer Charge	\$15.23	\$15.23	\$15.23	\$15.23		
Distribution Demand Charge	\$5.92	\$296.00	\$5.92	\$296.00		
Distribution Energy Charge	\$0.00034	\$6.80	\$0.00034	\$6.80		
Transmission Energy Charge	\$0.00632	\$126.40	\$0.00632	\$126.40		
Transition Demand Charge	\$0.98	\$49.00	\$0.98	\$49.00		
Transition Energy Charge	\$0.00734	\$146.80	\$0.00734	\$146.80		
DSM	\$0.00250	\$50.00	\$0.00250	\$50.00		
Renewables	\$0.00050	<u>\$10.00</u>	\$0.00050	\$10.00		
Service Quality Credit			(\$0.00302)	<u>(\$60.40)</u>		
Subtotal		\$700.23		\$639.83	(\$60.40)	-2.74%
Default Service	\$0.07519	<u>\$1,503.80</u>	\$0.07519	<u>\$1,503.80</u>	\$0.00	0.00%
Total		\$2,204.03		\$2,143.63	(\$60.40)	-2.74%

500 250,000			KW kWh	46% on peak 54% off peak	Percent of Total	
Standard Offer Customer - Large C&I						
	05/03 w/o SQ Credit		05/03 w/SQ Credit		Increase	Bill
Customer Charge	\$67.27	\$67.27	\$67.27	\$67.27		
Distribution Demand Charge	\$3.63	\$1,815.00	\$3.63	\$1,815.00		
Distribution Energy Charge-On	\$0.01017	\$1,169.55	\$0.01017	\$1,169.55		
Distribution Energy Charge-Off	(\$0.00052)	(\$70.20)	(\$0.00052)	(\$70.20)		
Transmission Energy Charge	\$0.00538	\$1,345.00	\$0.00538	\$1,345.00		
Transition Demand Charge	\$1.65	\$825.00	\$1.65	\$825.00		
Transition Energy Charge	\$0.00567	\$1,417.50	\$0.00567	\$1,417.50		
DSM	\$0.00250	\$625.00	\$0.00250	\$625.00		
Renewables	\$0.00050	<u>\$125.00</u>	\$0.00050	\$125.00		
Service Quality Credit			(\$0.00302)	<u>(\$755.00)</u>		
Subtotal		\$7,319.12		\$6,564.12	(\$755.00)	-3.54%
Standard Offer	\$0.05602	<u>\$14,005.00</u>	\$0.05602	<u>\$14,005.00</u>	\$0.00	0.00%
Total		\$21,324.12		\$20,569.12	(\$755.00)	-3.54%
Default Service Customer-Large C&I SEMA						
	05/03 w/o SQ Credit		05/03 w/SQ Credit			
Customer Charge	\$67.27	\$67.27	\$67.27	\$67.27		
Distribution Demand Charge	\$3.63	\$1,815.00	\$3.63	\$1,815.00		
Distribution Energy Charge-On	\$0.01017	\$1,169.55	\$0.01017	\$1,169.55		
Distribution Energy Charge-Off	(\$0.00052)	(\$70.20)	(\$0.00052)	(\$70.20)		
Transmission Energy Charge	\$0.00538	\$1,345.00	\$0.00538	\$1,345.00		
Transition Demand Charge	\$1.65	\$825.00	\$1.65	\$825.00		
Transition Energy Charge	\$0.00567	\$1,417.50	\$0.00567	\$1,417.50		
DSM	\$0.00250	\$625.00	\$0.00250	\$625.00		
Renewables	\$0.00050	<u>\$125.00</u>	\$0.00050	\$125.00		
Service Quality Credit			(\$0.00302)	<u>(\$755.00)</u>		
Subtotal		\$7,319.12		\$6,564.12	(\$755.00)	-2.89%
Default Service	\$0.07519	<u>\$18,797.50</u>	\$0.07519	<u>\$18,797.50</u>	\$0.00	0.00%
Total		\$26,116.62		\$25,361.62	(\$755.00)	-2.89%

Massachusetts Electric Company
Typical Bill Impact from Proposed Service Quality Credit

	50 20,000		KW kWh		Percent	
Default Service Customer-Medium C&I WCMA						
	05/03 w/o SQ Credit		05/03 w/SQ Credit			
Customer Charge	\$15.23	\$15.23	\$15.23	\$15.23		
Distribution Demand Charge	\$5.92	\$296.00	\$5.92	\$296.00		
Distribution Energy Charge	\$0.00034	\$6.80	\$0.00034	\$6.80		
Transmission Energy Charge	\$0.00632	\$126.40	\$0.00632	\$126.40		
Transition Demand Charge	\$0.98	\$49.00	\$0.98	\$49.00		
Transition Energy Charge	\$0.00734	\$146.80	\$0.00734	\$146.80		
DSM	\$0.00250	\$50.00	\$0.00250	\$50.00		
Renewables	\$0.00050	<u>\$10.00</u>	\$0.00050	\$10.00		
Service Quality Credit			(\$0.00302)	<u>(\$60.40)</u>		
Subtotal		\$700.23		\$639.83	(\$60.40)	-2.81%
Default Service	\$0.07239	<u>\$1,447.80</u>	\$0.07239	<u>\$1,447.80</u>	\$0.00	0.00%
Total		\$2,148.03		\$2,087.63	(\$60.40)	-2.81%

	500		KW	46% on peak		
	250,000		kWh	54% off peak		Percent
Default Service Customer-Large C&I WCMA						
	05/03 w/o SQ Credit		05/03 w/SQ Credit			
Customer Charge	\$67.27	\$67.27	\$67.27	\$67.27		
Distribution Demand Charge	\$3.63	\$1,815.00	\$3.63	\$1,815.00		
Distribution Energy Charge-On	\$0.01017	\$1,169.55	\$0.01017	\$1,169.55		
Distribution Energy Charge-Off	(\$0.00052)	(\$70.20)	(\$0.00052)	(\$70.20)		
Transmission Energy Charge	\$0.00538	\$1,345.00	\$0.00538	\$1,345.00		
Transition Demand Charge	\$1.65	\$825.00	\$1.65	\$825.00		
Transition Energy Charge	\$0.00567	\$1,417.50	\$0.00567	\$1,417.50		
DSM	\$0.00250	\$625.00	\$0.00250	\$625.00		
Renewables	\$0.00050	<u>\$125.00</u>	\$0.00050	\$125.00		
Service Quality Credit			(\$0.00302)	<u>(\$755.00)</u>		
Subtotal		\$7,319.12		\$6,564.12	(\$755.00)	-2.97%
Default Service	\$0.07239	<u>\$18,097.50</u>	\$0.07239	<u>\$18,097.50</u>	\$0.00	0.00%
Total		\$25,416.62		\$24,661.62	(\$755.00)	-2.97%

	50 20,000		KW kWh			
Default Service Customer-Medium C&I NEMA						
	05/03 w/o SQ Credit		05/03 w/SQ Credit			
Customer Charge	\$15.23	\$15.23	\$15.23	\$15.23		
Distribution Demand Charge	\$5.92	\$296.00	\$5.92	\$296.00		
Distribution Energy Charge	\$0.00034	\$6.80	\$0.00034	\$6.80		
Transmission Energy Charge	\$0.00632	\$126.40	\$0.00632	\$126.40		
Transition Demand Charge	\$0.98	\$49.00	\$0.98	\$49.00		
Transition Energy Charge	\$0.00734	\$146.80	\$0.00734	\$146.80		
DSM	\$0.00250	\$50.00	\$0.00250	\$50.00		
Renewables	\$0.00050	<u>\$10.00</u>	\$0.00050	\$10.00		
Service Quality Credit			(\$0.00302)	<u>(\$60.40)</u>		
Subtotal		\$700.23		\$639.83	(\$60.40)	-2.49%
Default Service	\$0.08622	<u>\$1,724.40</u>	\$0.08622	<u>\$1,724.40</u>	\$0.00	0.00%
Total		\$2,424.63		\$2,364.23	(\$60.40)	-2.49%

	500		KW	46% on peak		
	250,000		kWh	54% off peak		Percent
Default Service Customer-Large C&I NEMA						
	05/03 w/o SQ Credit		05/03 w/SQ Credit			
Customer Charge	\$67.27	\$67.27	\$67.27	\$67.27		
Distribution Demand Charge	\$3.63	\$1,815.00	\$3.63	\$1,815.00		
Distribution Energy Charge-On	\$0.01017	\$1,169.55	\$0.01017	\$1,169.55		
Distribution Energy Charge-Off	(\$0.00052)	(\$70.20)	(\$0.00052)	(\$70.20)		
Transmission Energy Charge	\$0.00538	\$1,345.00	\$0.00538	\$1,345.00		
Transition Demand Charge	\$1.65	\$825.00	\$1.65	\$825.00		
Transition Energy Charge	\$0.00567	\$1,417.50	\$0.00567	\$1,417.50		
DSM	\$0.00250	\$625.00	\$0.00250	\$625.00		
Renewables	\$0.00050	<u>\$125.00</u>	\$0.00050	\$125.00		
Service Quality Credit			(\$0.00302)	<u>(\$755.00)</u>		
Subtotal		\$7,319.12		\$6,564.12	(\$755.00)	-2.61%
Default Service	\$0.08622	<u>\$21,555.00</u>	\$0.08622	<u>\$21,555.00</u>	\$0.00	0.00%
Total		\$28,874.12		\$28,119.12	(\$755.00)	-2.61%

Nantucket Electric Company
Winter Typical Bill Impact from Proposed Service Quality Credit

500			kWh		Percent of Total	
Standard Offer Customer - Residential	05/03 w/o SQ Credit		05/03 w/SQ Credit		Increase	Bill
Customer Charge	\$5.81	\$5.81	\$5.81	\$5.81		
Cable Facilities Surcharge	\$0.01544	\$7.72	\$0.01544	\$7.72		
Distribution Energy Charge	\$0.02398	\$11.99	\$0.02398	\$11.99		
Transmission Energy Charge	\$0.00660	\$3.30	\$0.00660	\$3.30		
Transition Energy Charge	\$0.01002	\$5.01	\$0.01002	\$5.01		
DSM	\$0.00250	\$1.25	\$0.00250	\$1.25		
Renewables	\$0.00050	<u>\$0.25</u>	\$0.00050	\$0.25		
Service Quality Credit			(\$0.00302)	<u>(\$1.51)</u>		
Subtotal		\$35.33		\$33.82	(\$1.51)	-2.38%
Standard Offer	\$0.05602	<u>\$28.01</u>	\$0.05602	<u>\$28.01</u>	\$0.00	0.00%
Total		\$63.34		\$61.83	(\$1.51)	-2.38%
Default Service Customer-Residential						
	05/03 w/o SQ Credit		05/03 w/SQ Credit			
Customer Charge	\$5.81	\$5.81	\$5.81	\$5.81		
Cable Facilities Surcharge	\$0.01544	\$7.72	\$0.01544	\$7.72		
Distribution Energy Charge	\$0.02398	\$11.99	\$0.02398	\$11.99		
Transmission Energy Charge	\$0.00660	\$3.30	\$0.00660	\$3.30		
Transition Energy Charge	\$0.01002	\$5.01	\$0.01002	\$5.01		
DSM	\$0.00250	\$1.25	\$0.00250	\$1.25		
Renewables	\$0.00050	<u>\$0.25</u>	\$0.00050	\$0.25		
Service Quality Credit			(\$0.00302)	<u>(\$1.51)</u>		
Subtotal		\$35.33		\$33.82	(\$1.51)	-2.09%
Default Service	\$0.07365	<u>\$36.83</u>	\$0.07365	<u>\$36.83</u>	\$0.00	0.00%
Total		\$72.16		\$70.65	(\$1.51)	-2.09%

	1,500		kWh		Percent of Total	
Standard Offer Customer - Small C&I	05/03 w/o SQ Credit		05/03 w/SQ Credit		Increase	Bill
Customer Charge	\$8.32	\$8.32	\$8.32	\$8.32		
Cable Facilities Surcharge	\$0.02446	\$36.69	\$0.02446	\$36.69		
Distribution Energy Charge	\$0.03739	\$56.09	\$0.03739	\$56.09		
Transmission Energy Charge	\$0.00685	\$10.28	\$0.00685	\$10.28		
Transition Energy Charge	\$0.00972	\$14.58	\$0.00972	\$14.58		
DSM	\$0.00250	\$3.75	\$0.00250	\$3.75		
Renewables	\$0.00050	<u>\$0.75</u>	\$0.00050	\$0.75		
Service Quality Credit			(\$0.00302)	<u>(\$4.53)</u>		
Subtotal		\$130.46		\$125.93	(\$4.53)	-2.11%
Standard Offer	\$0.05602	<u>\$84.03</u>	\$0.05602	<u>\$84.03</u>	\$0.00	0.00%
Total		\$214.49		\$209.96	(\$4.53)	-2.11%
Default Service Customer-Small C&I						
	05/03 w/o SQ Credit		05/03 w/SQ Credit			
Customer Charge	\$8.32	\$8.32	\$8.32	\$8.32		
Cable Facilities Surcharge	\$0.02446	\$36.69	\$0.02446	\$36.69		
Distribution Energy Charge	\$0.03739	\$56.09	\$0.03739	\$56.09		
Transmission Energy Charge	\$0.00685	\$10.28	\$0.00685	\$10.28		
Transition Energy Charge	\$0.00972	\$14.58	\$0.00972	\$14.58		
DSM	\$0.00250	\$3.75	\$0.00250	\$3.75		
Renewables	\$0.00050	<u>\$0.75</u>	\$0.00050	\$0.75		
Service Quality Credit			(\$0.00302)	<u>(\$4.53)</u>		
Subtotal		\$130.46		\$125.93	(\$4.53)	-1.82%
Default Service	\$0.07909	<u>\$118.64</u>	\$0.07909	<u>\$118.64</u>	\$0.00	0.00%
Total		\$249.10		\$244.57	(\$4.53)	-1.82%

		50 20,000	KW kWh			Percent of Total
Standard Offer Customer - Medium C&I						
		05/03 w/o SQ Credit		05/03 w/SQ Credit	Increase	Bill
Customer Charge	\$15.23	\$15.23	\$15.23	\$15.23		
Cable Facilities Surcharge	\$0.02956	\$591.20	\$0.02956	\$591.20		
Distribution Demand Charge	\$5.92	\$296.00	\$5.92	\$296.00		
Distribution Energy Charge	\$0.00034	\$6.80	\$0.00034	\$6.80		
Transmission Energy Charge	\$0.00632	\$126.40	\$0.00632	\$126.40		
Transition Demand Charge	\$0.98	\$49.00	\$0.98	\$49.00		
Transition Energy Charge	\$0.00734	\$146.80	\$0.00734	\$146.80		
DSM	\$0.00250	\$50.00	\$0.00250	\$50.00		
Renewables	\$0.00050	<u>\$10.00</u>	\$0.00050	\$10.00		
Service Quality Credit			(\$0.00302)	<u>(\$60.40)</u>		
Subtotal		\$1,291.43		\$1,231.03	(\$60.40)	-2.50%
Standard Offer	\$0.05602	<u>\$1,120.40</u>	\$0.05602	<u>\$1,120.40</u>	\$0.00	0.00%
Total		\$2,411.83		\$2,351.43	(\$60.40)	-2.50%
Default Service Customer-Medium C&I-SEMA						
		05/03 w/o SQ Credit		05/03 w/SQ Credit		
Customer Charge	\$15.23	\$15.23	\$15.23	\$15.23		
Cable Facilities Surcharge	\$0.02956	\$591.20	\$0.02956	\$591.20		
Distribution Demand Charge	\$5.92	\$296.00	\$5.92	\$296.00		
Distribution Energy Charge	\$0.00034	\$6.80	\$0.00034	\$6.80		
Transmission Energy Charge	\$0.00632	\$126.40	\$0.00632	\$126.40		
Transition Demand Charge	\$0.98	\$49.00	\$0.98	\$49.00		
Transition Energy Charge	\$0.00734	\$146.80	\$0.00734	\$146.80		
DSM	\$0.00250	\$50.00	\$0.00250	\$50.00		
Renewables	\$0.00050	<u>\$10.00</u>	\$0.00050	\$10.00		
Service Quality Credit			(\$0.00302)	<u>(\$60.40)</u>		
Subtotal		\$1,291.43		\$1,231.03	(\$60.40)	-2.16%
Default Service	\$0.07519	<u>\$1,503.80</u>	\$0.07519	<u>\$1,503.80</u>	\$0.00	0.00%
Total		\$2,795.23		\$2,734.83	(\$60.40)	-2.16%

Standard Offer Customer - Large C&I	500 250,000		KW kWh	46% on peak 54% off peak		Percent of Total Bill
	05/03 w/o SQ Credit		05/03 w/SQ Credit		Increase	
Customer Charge	\$67.27	\$67.27	\$67.27	\$67.27		
Cable Facilities Surcharge	\$0.02076	\$5,190.00	\$0.02076	\$5,190.00		
Distribution Demand Charge	\$3.63	\$1,815.00	\$3.63	\$1,815.00		
Distribution Energy Charge-On	\$0.01017	\$1,169.55	\$0.01017	\$1,169.55		
Distribution Energy Charge-Off	(\$0.00052)	(\$70.20)	(\$0.00052)	(\$70.20)		
Transmission Energy Charge	\$0.00538	\$1,345.00	\$0.00538	\$1,345.00		
Transition Demand Charge	\$1.65	\$825.00	\$1.65	\$825.00		
Transition Energy Charge	\$0.00567	\$1,417.50	\$0.00567	\$1,417.50		
DSM	\$0.00250	\$625.00	\$0.00250	\$625.00		
Renewables	\$0.00050	<u>\$125.00</u>	\$0.00050	\$125.00		
Service Quality Credit			(\$0.00302)	<u>(\$755.00)</u>		
Subtotal		\$12,509.12		\$11,754.12	(\$755.00)	-2.85%
Standard Offer	\$0.05602	<u>\$14,005.00</u>	\$0.05602	<u>\$14,005.00</u>	\$0.00	0.00%
Total		\$26,514.12		\$25,759.12	(\$755.00)	-2.85%
Default Service Customer-Large C&I						
	05/03 w/o SQ Credit		05/03 w/SQ Credit			
Customer Charge	\$67.27	\$67.27	\$67.27	\$67.27		
Cable Facilities Surcharge	\$0.02076	\$5,190.00	\$0.02076	\$5,190.00		
Distribution Demand Charge	\$3.63	\$1,815.00	\$3.63	\$1,815.00		
Distribution Energy Charge-On	\$0.01017	\$1,169.55	\$0.01017	\$1,169.55		
Distribution Energy Charge-Off	(\$0.00052)	(\$70.20)	(\$0.00052)	(\$70.20)		
Transmission Energy Charge	\$0.00538	\$1,345.00	\$0.00538	\$1,345.00		
Transition Demand Charge	\$1.65	\$825.00	\$1.65	\$825.00		
Transition Energy Charge	\$0.00567	\$1,417.50	\$0.00567	\$1,417.50		
DSM	\$0.00250	\$625.00	\$0.00250	\$625.00		
Renewables	\$0.00050	<u>\$125.00</u>	\$0.00050	\$125.00		
Service Quality Credit			(\$0.00302)	<u>(\$755.00)</u>		
Subtotal		\$12,509.12		\$11,754.12	(\$755.00)	-2.41%
Default Service	\$0.07519	<u>\$18,797.50</u>	\$0.07519	<u>\$18,797.50</u>	\$0.00	0.00%
Total		\$31,306.62		\$30,551.62	(\$755.00)	-2.41%